CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

TRANSPORTING

B60 VEHICLES IN GENERAL (NOTE omitted)

B60R VEHICLES, VEHICLE FITTINGS, OR VEHICLE PARTS, NOT OTHERWISE PROVIDED FOR

NOTE

Attention is drawn to the Note following the title of class **B60**

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00	Optical viewing arrangements; Real-time viewing
	arrangements for drivers or passengers using
	optical image capturing systems, e.g. cameras or
	video systems specially adapted for use in or on
	vehicles

NOTE

This group <u>covers</u> optical viewing arrangements using mirrors as well as real-time viewing arrangements using optical image capturing systems, e.g. the special adaptation of cameras or video systems in or on vehicles, for assisting drivers or passengers. In this context, "viewing" refers to a visual assistance of drivers or passengers using mirrors, cameras or the like.

1/001	 {integrate 	d in the windows	, e.g. Fresnel le	nses}
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1/002	• {specially adapted for covering the peripheral part
	of the vehicle, e.g. for viewing tyres, bumpers or
	the like (integrated in the windows B60R 1/001;
	combined with rear-view mirrors <u>B60R 1/08</u>)}

- 1/003 . . {for viewing trailer hitches}
- 1/005 . {specially adapted for viewing traffic-lights}
- 1/006 {Side-view mirrors, e.g. V-shaped mirrors located at the front or rear part of the vehicle (combined with rear-view mirrors <u>B60R 1/08</u>; side-view periscopes <u>B60R 1/10</u>)}
- 1/007 . {specially adapted for covering the lateral blind spot not covered by the usual rear-view mirror}
- 1/008 {allowing the driver to see passengers, e.g. for busses (combined with rear-view mirrors <u>B60R 1/08</u>)}
- 1/02 Rear-view mirror arrangements (periscope arrangements <u>B60R 1/10</u>)
- 1/025 . {comprising special mechanical means for correcting the field of view in relation to particular driving conditions, e.g. change of lane; scanning mirrors}
- 1/04 . mounted inside vehicle {(<u>B60R 1/025, B60R 1/08</u> take precedence)}

1/06	• mounted on vehicle exterior $\{(B60R \ 1/025,$
1/00	$\frac{B60R 1/08}{B60R 1/08}$ take precedence)}
1/0602	• • • {comprising means for cleaning or deicing}
1/0605	• • • {specially adapted for mounting on trucks, e.g.
	by C-shaped support means}
1/0607	• • • { with remote position control adjustment }
1/061	•••• {by manually actuated mechanical means, e.g. push-pull cables}
1/0612	•••• {by electrically actuated means}
1/0615	•••• {by hydraulically or pneumatically
	actuated means}
1/0617	• • • • {foldable along the vehicle, e.g. in case of external force applied thereon}
1/062	• • • with remote control for adjusting position
	{(<u>B60R 1/0607</u> takes precedence)}
1/0625	• • • • {by hydraulically or pneumatically powered
1/064	actuators }
1/064	by manually powered actuators
1/066	•••• for adjusting the mirror relative to its housing
1/068	••••• using cables
1/07	by electrically powered actuators
1/072	• • • • for adjusting the mirror relative to its housing
1/074	for retracting the mirror arrangements to a non-use position alongside the vehicle
1/076	• • • yieldable to excessive external force and
	provided with an indexed use position
	({ <u>B60R 1/0617</u> , <u>B60R 1/074</u> } take precedence)
1/078	• • • easily removable; mounted for bodily outward movement, e.g. when towing
1/08	• involving special optical features, e.g. avoiding
	blind spots {, e.g. convex mirrors; Side-by-
	side associations of rear-view and other mirrors
	(<u>B60R 1/025</u> , <u>B60R 1/10</u> take precedence)}
1/081	• • {avoiding blind spots, e.g. by using a side-by-
	side association of mirrors}
1/082	{ using a single wide field mirror or an
	association of rigidly connected mirrors}
1/083	• • • {Anti-glare mirrors, e.g. "day-night" mirrors}

1/084	• • • {using a removable filtering or hiding screen (associated with windows or windscreens <u>B60J 3/00</u>)}
1/085	• • • {using a combination of interchangeable reflecting surfaces, e.g. reversible mirrors}
1/086	 {using a mirror angularly movable between a position of use and a non-glare position reflecting a dark field to the user, e.g. situated behind a transparent glass used as low-reflecting surface; Wedge-shaped mirrors}
1/087	•••• {with remote or automatic control means}
1/088	•••• {using a cell of electrically changeable optical characteristic, e.g. liquid-crystal or electrochromic mirrors}
1/089	•••• {using a liquid filtering layer of variable thickness}
1/10	• Front-view mirror arrangements; {(specially adapted for covering the peripheral part of the vehicle <u>B60R 1/002</u>)}; Periscope arrangements {, i.e. optical devices using combinations of mirrors, lenses, prisms or the like (specially adapted for covering the peripheral part of the vehicle <u>B60R 1/002</u> ; for viewing traffic-lights <u>B60R 1/005</u>); Other mirror arrangements giving a view from above or under the vehicle}
1/105	• • {Optical arrangements giving a view under the vehicle, e.g. using periscopes}
1/12	• Mirror assemblies combined with other articles, e.g. clocks
1/1207	• • {with lamps; with turn indicators}
2001/1215	• • {with information displays}
2001/1223	• {with sensors or transducers}
2001/123	• • {with thermometers}
2001/1238	• • {with vanity mirrors}
2001/1246	• • {with clocks}
2001/1253	• {with cameras, video cameras or video screens}
2001/1200	 {with eatheras, video cameras of video sereens} {with antennae}
2001/1269	 {with sun visors}
2001/1276	 {with radio receivers, loud-speakers or buzzers}
2001/12/0	 {with communication systems other than radio- receivers, e.g. keyless entry systems, navigation systems; with anti-collision systems}
2001/1292	• • {with holding means for personal articles}
1/20	• Real-time viewing arrangements for drivers or passengers using optical image capturing systems, e.g. cameras or video systems specially adapted for use in or on vehicles
1/22	• • for viewing an area outside the vehicle, e.g. the exterior of the vehicle
1/23	• • • with a predetermined field of view
1/24	in front of the vehicle
1/25	• • • to the sides of the vehicle
1/26	to the rear of the vehicle
1/27	• • • providing all-round vision, e.g. using omnidirectional cameras
1/28	• • • with an adjustable field of view
1/29	• for viewing an area inside the vehicle, e.g. for viewing passengers or cargo
1/30	 providing vision in the non-visible spectrum, e.g. night or infrared vision
1/31	providing stereoscopic vision

3/00	Arrangements of steps {or ladders facilitating access to or on the vehicle}, e.g. running-
	boards ({construction of steps for railway vehicles <u>B61D 23/00}</u> ; ladders <u>E06C</u>)
3/002	• {Running boards (for vehicle tops <u>B60R 3/005;</u> at the sides of the vehicle for carrying loads
3/005	B60R 9/02)} . {Catwalks, running boards for vehicle tops, access
3/007	means for vehicle tops; Handrails therefor}{Removable steps or ladders, e.g. foldable (as
3/02	access means for vehicle tops <u>B60R 3/005</u>)Retractable steps {or ladders, e.g. movable under
3/04	 shock (<u>B60R 3/005</u> takes precedence)} with provisions for shoe scraping
5/00	Compartments within vehicle body primarily intended or sufficiently spacious for trunks, suit-cases, or the like (primarily intended for stowing loads in load-transporting vehicles <u>B60P</u> ; arrangements for stowing spare wheels <u>B62D 43/00</u>)
5/003	 {Luggage racks, e.g. for busses (primarily intended for passengers' property smaller than suitcases <u>B60R 7/04; B60R 7/08;</u> luggage racks for rail vehicles <u>B61D 37/003</u>)}
5/006	 {stowing or holding means for elongated articles, e.g. skis inside vehicles}
5/02	 arranged at front of vehicle {(<u>B60R 5/003</u> takes precedence)}
5/04	 arranged at rear of vehicle {(<u>B60R 5/003</u>, <u>B60R 5/006</u> take precedence; external trunks arranged at rear of vehicle <u>B60R 9/065</u>)}
5/041	• {extensible externally of the vehicle body, e.g. to create an open luggage compartment of increased capacity (devices for anchoring the boot lid while carrying oversize objects E05C 17/042)}
5/042	• • {to create an enclosed luggage compartment of increased capacity, e.g. with ventilation apertures for transporting dogs}
5/044	• {luggage covering means, e.g. parcel shelves}
5/045	• • • {collapsible or transformable}
5/047	• • • • {collapsible by rolling-up}
5/048	•••• {of accordion-type, i.e. collapsible by sliding and folding}
7/00	Stowing or holding appliances inside vehicle primarily intended for personal property smaller than suit-cases, e.g. travelling articles, or maps (for radio sets, television sets, telephones or the like, mounting of cameras operative during drive, tools, or spare parts <u>B60R 11/00</u> ; for receptacles for refuse, food, beverages, cigarettes <u>B60N</u>)
7/005	 {Nets or elastic pockets tensioned against walls or backrests}
7/02	 in separate luggage compartment {(<u>B60R 7/005</u> takes precedence)}
7/04	• in driver or passenger space {, e.g. using racks (<u>B60R 7/005, B60R 7/08</u> take precedence)}
7/043	• {mounted on or under a seat}
7/046	• • {mounted on door}
7/05	• • mounted on sun visor
7/06	mounted on or below dashboards
7/08	 Disposition of racks, clips {, holders, containers} or the like {for supporting specific articles (<u>B60R 7/005</u> takes precedence)}
7/081	{for supporting maps}

7/081 . . {for supporting maps}

7/082	• • {for supporting spectacles}
7/084	• • {for supporting tissues or tissue boxes}
7/085	• • {for supporting flowers or flower vases}
7/087	 {for stowing money or valuables, e.g. using safes}
7/088	• • {for stowing tape cartridges, compact discs, or the like}
7/10	. for supporting hats, clothes or clothes hangers
7/12	• • for supporting umbrellas
7/14	• • for supporting weapons
9/00	Supplementary fittings on vehicle exterior for carrying loads, e.g. luggage, sports gear or the like
9/02	• at the sides, e.g. on running-board
9/04	• Carriers associated with vehicle roof (<u>B60R 9/08</u> takes precedence)
9/042	• Carriers characterised by means to facilitate loading or unloading of the load, e.g. rollers, tracks, or the like
9/0423	• • • {for ladders}
9/0426	• • { for small vehicles, e.g. invalid chairs, perambulators }
9/045	• Carriers being adjustable or transformable, e.g. expansible, collapsible {(transformable into tents <u>B60P 3/36;</u> into beds <u>B60P 3/38</u>)}
9/048	 Carriers characterised by article-gripping {, - covering,}-retaining, or -locking means
9/0485	• • { for ladders (<u>B60R 9/0423</u> takes precedence) }
9/05	• Carriers characterised by wind deflecting means (wind deflectors for open roofs <u>B60J 7/22</u>)
9/052	 Carriers comprising elongate members extending only transversely of vehicle (<u>B60R 9/08</u> takes precedence)
9/055	• Enclosure-type carriers, e.g. containers, boxes (<u>B60R 9/048</u> takes precedence)
9/058	characterised by releasable attaching means between carrier and roof
9/06	• at vehicle front or rear {(rear luggage compartments
	within vehicle extensible externally of the vehicle body <u>B60R 5/041</u>)}
9/065	• {Enclosure-type carriers, e.g. trunks}
9/08	• specially adapted for sports gear (vehicles specially
	adapted for carrying aeroplanes, for carrying boats <u>B60P</u>)
9/10	• • for cycles
9/12	• • for skis
11/00	Arrangements for holding or mounting articles, not otherwise provided for
2011/0001	• {characterised by position}
2011/0003	. {inside the vehicle}
2011/0005	• • {Dashboard}
2011/0007	• • {Mid-console}
2011/0007	• • {Ventilation grilles}
2011/000	• • • {Vehicle control means, e.g. steering-wheel or
	column}
2011/0012 2011/0014	• • {Seats or parts thereof}
	{Arm-rests}
2011/0015	{Back-rests}
2011/0017 2011/0019	{Head-rests}
	{Side or rear panels}
2011/0021	{Doors}
2011/0022	· · · · {Pillars}
2011/0024	• • • • {Rear shelves}

0011/000	
2011/0026	• • • {Windows, e.g. windscreen}
2011/0028	• • • {Ceiling, e.g. roof rails}
2011/0029	• • • {Floor, e.g. side sills, fire wall}
2011/0031	• • • {Seat belts}
2011/0033	• • • {Rear-view mirrors}
2011/0035	• • • {Sun visors}
2011/0036	• • • {Luggage compartment}
2011/0038	• • {Engine compartment}
2011/004	• • {outside the vehicle}
2011/0042	• {characterised by mounting means}
2011/0043	• • {for integrated articles, i.e. not substantially
	protruding from the surrounding parts}
2011/0045	• • { with visible part, e.g. flush mounted }
2011/0047	• • • {using hidden fastening means}
2011/0049	• {for non integrated articles}
2011/005	• • • {Connection with the vehicle part}
2011/0052	• • • { using screws, bolts, rivets or the like }
2011/0054	• • • { using cigarette lighter }
2011/0056	• • • • {using suction cups}
2011/0057	• • • • {using magnetic means}
2011/0059	• • • { using clips, clamps, straps or the like }
2011/0061	• • • { using key-type connections }
2011/0063	• • • {using adhesive means, e.g. hook and loop
0011/00/04	fasteners}
2011/0064	• • • {Connection with the article}
2011/0066	•••• {using screws, bolts, rivets or the like}
2011/0068	• • • • {using suction cups}
2011/007	• • • • {using magnetic means}
2011/0071	• • • {using latches, clips, clamps, straps or the
0011/0070	like}
2011/0073	• • • {using key-type connections}
2011/0075	• • • • {using a containment or docking space}
2011/0077	• • • {using adhesive means, e.g. hook and loop fasteners}
2011/0078	• • • {Quick-disconnect two-parts mounting means}
2011/008	• {Adjustable or movable supports}
2011/0082	• • {collapsible, e.g. for storing after use}
2011/0084	••• {with adjustment by linear movement in their
	operational position}
2011/0085	• • • {with adjustment by rotation in their
	operational position}
2011/0087	• • • { around two axes }
2011/0089	• • • {around three axes, i.e. universally mounted}
2011/0091	•••• {the article being mounted on a flexible
	shaft}
2011/0092	• • • {with motorization}
2011/0094	• {characterised by means for covering after user, e.g.
	boxes, shutters or the like}
2011/0096	• {Theft prevention of articles}
2011/0098	• • {using electric or electronic means, e.g. alarms,
	codes}
11/02	• for radio sets, television sets, telephones, or the like;
11/0205	Arrangement of controls thereof
11/0205	• {for radio sets ($\underline{B60R \ 11/0211}$ takes precedence)}
11/0211	• {for record carriers apparatus, e.g. video
11/0015	recorders, tape players or CD players}
11/0217	• {for loud-speakers}
11/0223	• • {of flat type}
11/0229	• {for displays, e.g. cathodic tubes}
11/0235	• • • {of flat type, e.g. LCD}
11/0241	• • {for telephones}
11/0247	• • {for microphones or earphones}

11/0252	• • {for personal computers, e.g. laptops, notebooks}
11/0258	• • {for navigation systems}
11/0264	• • {for control means}
2011/027	• • {for Din-sized apparatus}
2011/0276	• • {for rear passenger use}
2011/0282	• • {for the use of several passengers, e.g.
	simultaneously}
2011/0288	• • {Apparatus made of several modules
	independently mounted}
2011/0294	• • {Apparatus with multi-functionalities, e.g. radio
	and telephone}
11/04	• Mounting of cameras operative during drive; Arrangement of controls thereof relative to the
	vehicle
11/06	• for tools or spare parts (for vehicle roof parts
	B60J 7/20; for spare wheels B62D)
13/00	Elements for body-finishing, identifying, or
10/00	decorating; Arrangements or adaptations for
	advertising purposes
13/005	• {Manufacturers' emblems, name plates, bonnet
	ornaments, mascots or the like; Mounting means
	therefor}
13/01	• Liners for load platforms or load compartments
13/011	• {for internal load compartments, e.g. car trunks}
13/013	 . {comprising removable or hinged parts, e.g. for
15,015	accessing storage compartments}
2013/015	 . {made of a plurality of visible parts}
2013/016	 . {integrating other functions or accessories}
2013/018	 (Integrating other functions of decessories) (Connection or positioning of adjacent panels)
13/02	• {Internal} Trim mouldings {; Internal} Ledges;
10/02	Wall liners {for passenger compartments}; Roof liners (<u>B60R 13/01</u> takes precedence {; padded linings for the vehicle interior <u>B60R 21/04</u> ; arrangements or adaptations of floor mats or carpets in vehicles <u>B60N 3/04</u> ; internal lining for trains
	<u>B61D 17/18</u> })
13/0206	 {Arrangements of fasteners and clips specially adapted for attaching inner vehicle liners or mouldings (devices for fastening or securing <u>F16B</u>)}
13/0212	• {Roof or head liners (movable head-liners B60J 7/0007)}
13/0218	• • { supported by adhesion with the roof panel }
13/0225	• • • {self supporting head liners}
13/0231	• • {specially adapted for roofs with openings}
13/0237	• • {Side or rear panels}
13/0243	• • • {Doors}
13/025	• • {Pillars; Roof rails}
13/0256	• {Dashboard liners}
13/0262	• {Mid-console liners}
13/0268	 . {Rear parcel liners (used as luggage covering
	means <u>B60R 5/044</u>)}
13/0275	 {comprising removable or hinged parts (for accessing storage compartments <u>B60R 7/04</u>; for airbag deployment <u>B60R 21/215</u>)}
2013/0281	• • {made of a plurality of visible parts}
2013/0287	• • {integrating other functions or accessories}
2013/0293	• • {Connection or positioning of adjacent panels}
13/04	• {External} Ornamental or guard strips; Ornamental inscriptive devices {thereon (fastening strips or bars to sheets or plates by means of clips <u>F16B 5/12</u>)}
13/043	• • {Door edge guards}
2013/046	• • {Foot boards}

13/06	 Sealing strips (sealing arrangements for vehicle windows, windscreens, non-fixed roofs, doors, or
	similar devices <u>B60J 10/00</u>)
13/07	• Water drainage or guide means not integral
	with roof structure (<u>B60R 13/06</u> , { <u>B60J 10/25</u> }
	take precedence; {integral with roof structure
	<u>B62D 25/07;</u> drainage openings having movable or
13/08	removable closures <u>B62D 25/24</u> })
13/08	• Insulating elements, e.g. for sound insulation {(sound insulating linings for trains <u>B61D 17/185;</u>
	drivers' cabs for load-carrying vehicles insulated
	against vibrations or noise B62D 33/0604; thermal
	or acoustic insulation of engines <u>F02B 77/11;</u>
	damping of sounds using compensation by electro-
2013/0807	 acoustic methods <u>G10K 11/178</u>) Arrangements of fasteners or clips specially
2013/0807	adapted therefore}
13/0815	• {Acoustic or thermal insulation of passenger
	compartments (wall or roof liners integrating the
	insulating function <u>B60R 13/02;</u> insulating floor
	mats or carpets <u>B60N 3/04</u>)}
13/0823	• • {Insulating partitions, e.g. between front and rear seats}
13/083	• • { for fire walls or floors }
13/0838	• {for engine compartments}
13/0846	• { for duct, cable or rod passages, e.g. between
	engine and passenger compartments }
13/0853	• • {specially adapted for movable parts, e.g. gears levers, pedals}
13/0861	 . {for covering undersurfaces of vehicles, e.g.
15/0001	wheel houses}
13/0869	• • {for protecting heat sensitive parts, e.g. electronic
	components }
13/0876	 {for mounting around heat sources, e.g. exhaust pipes}
13/0884	 for mounting around noise sources, e.g. air
10,000	blowers}
13/0892	• { for humidity insulation (sealing strips B60R 13/06) }
13/10	• Registration, licensing, or like devices
13/105	• {Licence- or registration plates, provided with
	mounting means, e.g. frames, holders, retainers,
	brackets}
15/00	Arrangements or adaptations of sanitation devices
15/02	• Washing facilities {(in railway vehicles
	<u>B61D 35/002</u>)}
15/04	• Toilet facilities {(in railway vehicles
	<u>B61D 35/005</u>)}
16/00	Electric or fluid circuits specially adapted
	for vehicles and not otherwise provided for; Arrangement of elements of electric or fluid
	circuits specially adapted for vehicles and not
	otherwise provided for {(devices for protecting
	vehicle occupants in case of accidents <u>B60R 21/00;</u>
	safety belts <u>B60R 22/00;</u> central door locking
16/005	E05B 49/00, E05B 77/50)} • {Electro-mechanical devices, e.g. switched (electric
10/003	switches in general <u>H01H</u>)}
16/02	• electric {constitutive elements}
16/0207	• • {Wire harnesses}
16/0215	• • • {Protecting, fastening and routing means
100000	therefor}
16/0222	• • • {Grommets}

16/023	• for transmission of signals between vehicle parts or subsystems
16/0231	• • {Circuits relating to the driving or the
	functioning of the vehicle (monitoring tyres <u>B60C 23/00</u> ; indicating overspeed <u>B60K 31/00</u> ; for dash boards <u>B60K 37/00</u> , <u>B60Q 3/10</u> ; for indicating emergencies <u>B60Q 1/52</u> ; brake
	control systems <u>B60T</u> ; registering or indicating the working of vehicles <u>G07C 5/00</u> ; measuring distance <u>G01C</u> , e.g. combinations of speed and distance <u>G01C 23/00</u> ; engine indicators <u>G01L</u> ;
16/0232	 measuring speed or acceleration <u>G01P</u>)} for measuring vehicle parameters and indicating critical, abnormal or dangerous conditions}
16/0233	• • • • {Vehicle tilting, overturning or roll over}
16/0234	 {related to maintenance or repairing of vehicles}
16/0235	• • • • {for lighting devices combined with starting or ignition devices for road vehicles}
16/0236	• • • • {for economical driving}
16/0237	• • • {circuits concerning the atmospheric environment (meteorology <u>G01W</u>)}
16/0238	• • {Electrical distribution centers}
16/0239	• • {Electronic boxes}
16/027	between relatively movable parts of the
	vehicle, e.g. between steering wheel and column {(devices for measuring, signalling or controlling tyre pressure or temperature specially adapted for mounting on vehicles B60C 23/00)}
16/03	 for supply of electrical power to vehicle subsystems {or for (circuit arrangements for charging batteries <u>H02J</u> 7/00)}
16/0307	• • { using generators driven by a machine different from the vehicle motor}
16/0315	 {using multiplexing techniques (multiplexing for transmission of signals <u>G08C 15/00</u>; multiplexing for electrical communication in general <u>H04J</u>)}
2016/0322	{Temporary code for documents to be reclassified to <u>G08C</u> , <u>H04L</u> or <u>H04Q</u> }
16/033	 characterised by the use of electrical cells or batteries (for propulsion puposes <u>B60K 1/04</u>; supplying batteries to, or removing batteries from, vehicles <u>B60S 5/06</u>; testing of charge state <u>G01R 31/36</u>)
16/037	• for occupant comfort {, e.g. for automatic adjustment of appliances according to personal activities a grant mirror starring wheel}
16/0373	settings, e.g. seats, mirrors, steering wheel} {Voice control (in general G10L)}
16/04	Arrangement of batteries
16/06	 for removing electrostatic charges (carrying-off
16/08	electrostatic charges in general <u>H05F 3/00</u>) fluid
17/00	Arrangements or adaptations of lubricating systems or devices (lubricating in general <u>F16N</u>)
17/02	• Systems, e.g. central lubrication systems
19/00	Wheel guards; Radiator guards, {e.g. grilles}; Obstruction removers; Fittings damping bouncing force in collisions ({reinforcement elements for side doors <u>B60J 5/0412</u> ; } mudguards <u>B62D</u>)
2019/002	• {Wheel guards}

2019/005	• {Crash attenuators, i.e. means added to highway
	service vehicles for softening high speed impacts }
2019/007	• {Means for adjusting or regulating the crash
	absorption capacity of the vehicle, e.g. when
	detecting an impending collision}
19/02	 Bumpers, i.e. impact receiving or absorbing
	members for protecting vehicles or fending off
	blows from other vehicles or objects ({ <u>B60R 19/56</u>
	takes precedence; initiating brake action by contact
	of bumper with an external object <u>B60T 7/22;</u>
	for rail vehicles <u>B61F 19/04</u> ; safety equipment for cycles <u>B62J 27/00</u> ; integral with waterborne
	vessels or specially adapted therefor <u>B63B 59/02</u>)
19/023	• {Details}
2019/026	• {Buffers, i.e. bumpers of limited extent}
19/03	 characterised by material, e.g. composite
17/05	(<u>B60R 19/18</u> takes precedence)
19/04	• formed from more than one section {in a side-by-
19/04	side arrangement}
19/12	• • • vertically spaced
19/12	A ving folding parts
19/16	 having foreing parts having deflecting members, e.g. rollers, balls
19/18	 (characterised by the cross-section;) Means
	within the bumper to absorb impact
2019/1806	• • { Structural beams therefor, e.g. shock-
	absorbing}
2019/1813	• • • {made of metal}
2019/182	•••• {of light metal, e.g. extruded}
2019/1826	• • • • {of high-tension steel}
2019/1833	• • • {made of plastic material}
2019/184	•••• {Blow moulded}
2019/1846	•••• {comprising a cellular structure}
2019/1853	•••• {of reinforced plastic material}
2019/186	{Additional energy absorbing means supported
	on bumber beams, e.g. cellular structures or
	material}
2019/1866	• • • • {Cellular structures}
2019/1873	• • • • {Cellular materials}
2019/188	{Blow molded structures}
2019/1886	{Bumper fascias and fastening means therefor}
2019/1893	• • • {comprising a multiplicity of identical adjacent
10/20	shock-absorbing means}
19/20	• • • containing {mainly} gas or liquid, e.g.
	inflatable (connection of valves to inflatable elastic bodies <u>B60C 29/00</u>)
19/205	• • • {inflatable in the direction of an obstacle
17/203	upon impending impact, e.g. using air bags}
19/22	• • • • containing {mainly} cellular material, e.g. solid
	foam
19/24	• Arrangements for mounting bumpers on vehicles
2019/242	• • {on two vertical sleeves, e.g. on energy
	absorber ends}
2019/245	• • { with adjusting means to compensate
	manufacturing tolerances, e.g. between bumper
	and energy absorbers}
2019/247	• • • {Fastening of bumpers' side ends}
19/26	• • • comprising yieldable mounting means
	({ <u>B60R 19/38</u> takes precedence;} springs,
	shock absorbers, or means for damping
2010/272	vibrations <u>per se F16F</u>)
2019/262	• • • { with means to adjust or regulate the amount of energy to be absorbed }
2019/264	• • • { using cellular structures }
2019/264	 {using centual structures} {using friction sufaces}
2019/200	• • • • {using menon suraces}

2019/268	• • • • { with rebound preventing means, e.g.
2019/208	ratchets}
19/28	Metallic springs
19/285	•••• {comprising only leaf springs, e.g. the
	mounting means forming part of the guard
19/30	itself}Elastomeric material {(<u>B60R 19/34</u> takes)
19/00	precedence)}
19/32	• • • Fluid shock absorbers {, e.g. with coaxial
	coil springs}
19/34	• • • • destroyed upon impact, e.g. one-shot type
19/36	• • • Combinations of yieldable mounting means of different types {(fluid shock absorbers
	with coaxial coil springs <u>B60R 19/32</u>)
19/38	• • • adjustably or movably mounted, e.g.
	horizontally displaceable for securing a space
	between parked vehicles {(adjustably mounted
	for compensating manufacturing tolerances B60R 19/24, B60R 19/26)}
19/40	• • • • in the direction of an obstacle before a
	collision {, or extending during driving of the
	vehicle, i.e. to increase the energy absorption
	capacity of the bumper (inflatable bumpers
19/42	<u>B60R 19/20</u>)} • extending primarily along the sides of, or
19/42	completely encircling, a vehicle (ornamental or
	guard strips <u>B60R 13/04</u>)
19/44	• • Bumper guards
19/445	• • • {Guard strips}
19/46	• • • spring- or pivotally-mounted
19/48	• combined with, or convertible into, other devices or objects, e.g. bumpers combined with road
	brushes, bumpers convertible into beds
19/483	• • { with obstacle sensors of electric or electronic
	type}
2019/486	• • • {with air passages, e.g. for cooling}
19/50	• • • with lights or registration plates
2019/505 19/52	Padiator or grille guarde (: Padiator grilles (apoling
19/32	• Radiator or grille guards {; Radiator grilles (cooling aspects <u>B60K 11/08</u>)}
2019/522	• {Bull bars}
2019/525	• • {Radiator grilles}
2019/527	• • • {integral with bumpers}
19/54	• Obstruction removers or deflectors (<u>B60R 19/16</u> ,
19/545	B60R 21/34 take precedence) . {Devices for cutting wire-type obstructions}
19/545	 {Devices for cutting whe-type obstructions} {Fittings damping bouncing force in truck
19/30	collisions, e.g. bumpers;} Arrangements on high-
	riding vehicles, e.g. lorries, for preventing vehicles
	or objects from running thereunder
19/565	• • {on vehicle sides}
21/00	Arrangements or fittings on vehicles for protecting
	or preventing injuries to occupants or pedestrians
	in case of accidents or other traffic risks (safety belts or body harnesses in vehicles <u>B60R 22/00;</u>
	seats constructed to protect the occupant from the
	effect of abnormal g-forces, e.g. crash or safety seats,
	B60N 2/42; energy-absorbing arrangements for hand
	wheels for steering vehicles <u>B62D 1/11</u> ; energy-
	absorbing arrangements for vehicle steering columns B62D 1/19)
2021/0002	• {Type of accident}
2021/0004	• {Frontal collision}

2021/0006	• • {Lateral collision}
2021/0009	
2021/0011	• • {Rear collision or recoiling bounce after frontal
	collision}
2021/0013	• • {Free fall}
2021/0016	• • {Fall in water}
2021/0018	• • {Roll-over}
2021/002	• • {Underrun collision}
2021/0023	• • {Offset collision}
2021/0025	• • {Pole collision}
2021/0027	• {Post collision measures, e.g. notifying emergency
	services}
2021/003	• {characterised by occupant or pedestian}
2021/0032	• • {Position of passenger}
2021/0034	• • • {lying down}
2021/0037	• • • {standing}
2021/0039	• • {Body parts of the occupant or pedestrian
	affected by the accident }
2021/0041	• • • {Arms}
2021/0044	\ldots {Chest}
2021/0046	••• {Feet}
2021/0048	••• {Head}
2021/0051	• • • {Knees}
2021/0053	••• {Legs}
2021/0055	• • • {Pelvis}
2021/0058	• • • {Shoulders}
2021/006	• • {Type of passenger}
2021/0062	• • {woman, e.g. pregnant}
2021/0065	• {Type of vehicles}
2021/0067	• • {Buses}
2021/0069	• • {Trailers, e.g. caravans}
2021/0072	• • {Convertible cars}
2021/0074	• • {Utility vehicles}
2021/0076	• • • {Agricultural vehicles, e.g. tractors}
2021/0079	• • • {Fork-lift trucks}
2021/0081	• • • {Working vehicles}
2021/0083	• • • {Pick-up trucks; Light trucks; Sport utility
	vehicles}
2021/0086	• • {Racing cars}
2021/0088	• • {Cycles, e.g. motorcycles}
2021/009	• • {Railway vehicles}
2021/0093	• • {Aircraft}
2021/0095	• • {Boats}
2021/0097	• • {Amusement vehicles}
21/01	Electrical circuits for triggering {passive} safety
	arrangements, {e.g. airbags, safety belt tighteners,}
	in case of vehicle accidents or impending vehicle
	accidents {(electrical circuits for transmission of
	signals between steering wheel and the vehicle itself
	<u>B60R 16/027;</u> for electrically actuating belt retractor locking means <u>B60R 22/343</u>)}
2021/01006	
	Means for detecting collision, impending
2021/01013	collision or roll-over}
2021/0102	• • • {the monitored value being used for calculating
2021/0102	occupant displacement}
2021/01027	
2021/01027	
2021/01034	
	Architecture }
	•••• {Architecture}
2021/01034	•••• {Dus}

2021/01061	••••• {between the airbag system and other vehicle electronic systems}
2021/01068	{between different sensors and airbag
2021/01075	 control unit } control unit and pyrotechnic fuses or equivalent actuators }
2021/01081	
2021/01088	
2021/01095	
2021/01102	
2021/01109	· · · · (F · · · · · · · · · · · · · · ·
2021/01115	medium}
2021/01115	
2021/01122	
2021/01129	
2021/01136	
2021/01143	
2021/0115	{Current leakage}
2021/01156	• • • {Current or voltage overload}
2021/01163	• • • {Insufficient current or voltage}
2021/0117	•••• {Noise}
2021/01177	
	disassembly, accident salvage or recycling}
2021/01184	· · · (- ····· · · · · · · · · · · · · ·
2021/0119	(
2021/01197	
2021/01204	• • {Actuation parameters of safety arrangents}
2021/01211	(1
2021/01218	
2021/01225	• • • {control of expansion volume}
2021/01231	{control of expansion timing or sequence}
2021/01238	• • • {control of expansion shape}
2021/01245	• • • { selection of seat for bag expansion }
2021/01252	• • {Devices other than bags}
2021/01259	•••• {Brakes}
2021/01265	• • • {Seat belts}
2021/01272	• • • • {Belt tensioners}
2021/01279	• • • • {Load limiters}
2021/01286	• • {Electronic control units}
2021/01293	
	with different airbags configurations}
21/013	• • including means for detecting collisions,
	impending collisions or roll-over
2021/01302	,
2021/01304	• • • {monitoring rough road condition}
2021/01306	• • • {monitoring vehicle inclination}
2021/01308	
0001/01011	road}
2021/01311	• • • {monitoring the braking system, e.g. ABS}
2021/01313	• • • {monitoring the vehicle steering system or the
2021/01215	dynamic control system }
2021/01315	• • • {monitoring occupant displacement}
2021/01317	
21/0132	 responsive to vehicle motion parameters {, e.g. to vehicle longitudinal or transversal deceleration or speed value}
2021/01322	-
2021/01322	depending from other collision parameters}
2021/01325	
2021/01323	
21/01327	• • • • {by integrating the amplitude of the input
21/0133	signal}

21/01332	• • • {by frequency of waveform analysis}
21/01334	•••• {using Fourier analysis}
21/01336	
21/01338	• • • • {using vector analysis}
21/01350	 responsive to imminent contact with an
21/0134	obstacle {, e.g. using radar systems}
2021/01245	
2021/01345	
21/0136	responsive to actual contact with an obstacle
	{, e.g. to vehicle deformation, bumper
	displacement or bumper velocity relative
	to the vehicle (monitoring crash strength in
	combination with passenger seat detection
	<u>B60R 21/01558</u>)}
21/015	• including means for detecting the presence or
	position of passengers, passenger seats or child
	seats {, and the related safety parameters therefor,
	e.g. speed or timing of airbag inflation in relation
	to occupant position or seat belt use}
21/01504	• • • {detecting bag displacement}
21/01508	• • • {detecting forces or pressure in bags or
	modules}
21/01512	• • • {Passenger detection systems}
21/01516	• • • { using force or pressure sensing means }
21/0152	•••• {using strain gauges}
21/01522	•••• {using fluid means}
21/01524	•••• {using electric switches}
21/01526	• • • • {using piezoelectric elements}
21/01528	• • • {mounted on the bag}
21/0153	• • • { using field detection presence sensors }
21/01532	• • • • {using electric or capacitive field sensors}
21/01534	• • • • {using electromagneticwaves, e.g.
	infrared }
21/01536	• • • • {using ultrasonic waves}
21/01538	• • • • {for image processing, e.g. cameras or
21,01000	sensor arrays}
21/0154	• • • • {in combination with seat heating}
21/01542	• • • • • • • • • • • • • • • • • • •
21/01544	••••• {detecting passenger motion}
21/01344	tension or height-adjustment}
21/01546	• • • • {using belt buckle sensors}
21/01548	
21/01348	retractor}
21/0155	• • • • {sensing belt tension}
	· · · · · · · · · · · · · · · · · · ·
21/01552	
01/01/01	parts, e.g. face, eyes or hands}
21/01554	
21/01556	
21/01558	ε ε,
21/0156	• • • • {by deceleration}
21/01562	· · · · (·) · · · · · · · · · · · · · ·
21/01564	,
21/01566	• • • {Devices for warning or indicating mode of
	inhibition }
21/017	• • including arrangements for providing electric
	power to safety arrangements {or their actuating
	means, e.g. to pyrotechnic fuses or electro-
	mechanic valves}
21/0173	• • • {Diagnostic or recording means therefor}
21/0176	• • • { for firing circuits using only mechanical
	switches as collision detecting means, in
	series with pyrotechnic fuses}

21/01332 {by frequency or waveform analysis}

21/02	• Occupant safety arrangements or fittings {, e.g.
	crash pads (seat belts with crash pads <u>B60R 22/14;</u> removable children's seats having a front guard or barrier <u>B60N 2/2839</u>)}
2021/0206	• {Self-supporting restraint systems, e.g. restraining
2021/0200	arms, plates or the like}
2021/0213	• • {mounted on floor}
2021/0213	 . {mounted on noor} . {mounted on seats}
2021/0226	
	••• {mounted on fire wall}
2021/0233	• • • {mounted on steering-wheel}
2021/024	• • • {mounted on dash-board}
2021/0246	• • • {mounted on side walls}
2021/0253	• • • {mounted on roof}
21/026	• • {Rigid partitions inside vehicles, e.g. between passengers and load compartments (<u>B60R 21/12</u> takes precedence)}
2021/0266	• • {comprising energy absorbing means}
2021/0273	• • {automatically movable to an operative position,
	e.g. in case of collision or impending collision}
2021/028	• • {Means preventing passenger from falling out of vehicles}
21/0286	• • {Padded or energy absorbing driving control
	initiating means, e.g. gear lever, pedals (<u>B60R 21/09</u> takes precedence; padded linings for steering control means <u>B60R 21/05</u>)}
2021/0293	• • {Additional pads or cushions in vehicle
	compartments, e.g. movably mounted}
21/04	 Padded linings for the vehicle interior {; Energy absorbing structures associated with padded or non-padded linings}
2021/0407	• • • {using gas or liquid as energy absorbing
	means}
2021/0414	• • • {using energy absorbing ribs}
2021/0421	 . {using honeycomb structures}
21/0428	 • {associated with the side doors or panels, e.g.
21/0420	displaced towards the occupants in case of a side collision}
2021/0435	• • {associated with the side or roof pillars}
2021/0442	• • • {associated with the roof panel}
21/045	• • associated with the instrument panel or dashboard
21/05	 associated with the steering wheel, {steering} hand lever or {steering} column (yieldable steering columns <u>B62D 1/18</u>)
21/055	• • Padded {or energy-absorbing} fittings {, e.g. seat
	belt anchors (sun visors <u>B60J 3/00;</u> head rests <u>B60N 2/80</u>)}
21/06	• Safety nets, transparent sheets, curtains, or
	the like, e.g. between occupants and glass ({ <u>B60R 21/026</u> }, <u>B60R 21/11</u> , <u>B60R 21/12</u> ,
	B60R 21/16 take precedence)
2021/065	• • {comprising energy absorbing mounting
	means}
21/08	 . { automatically } movable from an inoperative to an operative position, e.g. in a collision (electrical circuits for triggering safety arrangements <u>B60R 21/01</u>)
21/09	Control elements or operating handles movable
21/09	from an operative to an out-of-the way position,
	e.g. {pedals,} switch knobs, window cranks
	{(specially adapted for brake pedals, e.g. by
	venting of master cylinder or destruction of force
	transmitting rod, <u>B60T 7/065</u>)}
	······································

21/11	 Overhead guards, e.g. against loads falling down {(specially adapted for fork-lift trucks <u>B66F 9/07545)</u>}
21/12	 which protect the occupants against personal attack from the inside or the outside of the vehicle
21/13	Roll-over protection (electrical circuits for triggering safety arrangements <u>B60R 21/01</u>)
21/131	• • • {Protective devices for drivers in case of overturning of tractors (means for preventing
	overturning or tipping of tractors <u>B62D 49/08</u>)}
2021/132	• • • {Roll bars for convertible vehicles}
2021/134	• • • {movable from a retracted to a protection position}
2021/135	• • • • • {automatically during an accident}
2021/137	• • • {Reinforcement cages for closed vehicle bodies}
2021/138	• • • {using external airbags}
21/16	 Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g. air bags ({protective garments with automatically inflatable shock-absorbing means <u>A41D 13/018;</u> } connection of valves to inflatable elastic bodies <u>B60C 29/00</u>)
2021/161	• • • {characterised by additional means for
	controlling deployment trajectory}
2021/162	• • • {Means for diverting, destroying or blocking
	the bag in case of dangerous deployment, e.g. during rescue operations or use of rear-facing children seats}
21/164	 {combined with vehicle venting means for reducing or avoiding the passenger compartment overpressure during inflation}
2021/165	• • {reusable, e.g. in case of multiple collisions}
2021/167	• • • {comprising anti-theft devices}
2021/168	• • • {for restraining luggages}
21/18	• • • the inflatable member formed as a belt or harness or combined with a belt or harness arrangement
21/20	Arrangements for storing inflatable members
	in their non-use or deflated condition; Arrangement or mounting of air bag modules or components
21/201	• • • Packaging straps or envelopes for inflatable members
21/203	in steering wheels or steering columns
21/2032	{the inflator or inflatable member not being rotatable with the steering wheel; Arrangements using the steering column or steering wheel rim for storing, supplying or evacuating the inflation gas or for storing the inflatable member}
21/2035	• • • • {using modules containing inflator, bag and cover attachable to the steering wheel as a complete sub-unit (steering wheel covers with tear lines <u>B60R 21/21656</u> ; assembling of modules <u>B60R 21/217</u>)}
21/2037	 {the module or a major component thereof being yieldably mounted, e.g. for actuating the horn switch or for protecting the driver in a non-deployment situation (horn switches integrated in steering wheel covers with tear lines <u>B60R 21/21658</u>)}
21/205	• • • in dashboards

21/206	•	•	•	•	• in the lower part of dashboards, e.g. for protecting the knees
21/207	•	•	•	•	in vehicle seats
21/2072	•	•	•	•	• {in children's seats}
2021/2074	•	•	•	•	• {in head rests}
2021/2076	•	•	•	•	• {Removable covers with tear seams}
2021/2078	•	•	•	•	• {in rear seats}
21/21	•	•	•	•	in vehicle side panels, e.g. doors (pillar mounted arrangements <u>B60R 21/213</u>)
21/213			•		in vehicle roof frames or pillars
21/214					in roof panels
21/215					characterised by the covers for the inflatable
2021/21506					<pre>member {(<u>B60R 21/2176</u> takes precedence)} {comprising tearing tabs, legs or the like</pre>
	·	•	•	•	for holding the lid before deployment}
2021/21512	•	•	•	•	• {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take
					precedence)}
2021/21518	•	•	•	•	 {comprising a lock unlocked during deployment}
2021/21525					• {the lid being fixed on the bag, or forming
					part of the bag wall, or the bag itself being used as wall liner}
2021/21531	•	•	•	•	• {using a strechable wall liner}
2021/21537	•	•	•	•	• {characterised by hinges}
2021/21543	•	•	•	•	• {with emblems}
21/2155	•	•	•	•	• with complex motion of the cover; Retraction under the lining during opening
21/216	•	•	•	•	• comprising tether means for limitation of cover motion during deployment
2021/2161	•	•	•	•	• • {the cover being displaced towards the occupant during deployment}
2021/2163	•	•	•	•	 {with energy absorbing or elastic means}
21/2165	•	•	•	•	• characterised by a tear line for defining a
2021/21652					deployment opening
2021/21032	•	•	•	•	• • {the tearing being done or assisted by cutters}
2021/21654	•	•	•	•	 {the tearing being done or assisted by heating or pyrotechnic means}
21/21656	•	•	•	•	• • {Steering wheel covers or similar cup-
21/21658	•	•	•	•	shaped covers}switches, e.g. horn
21/217					switches} Inflation fluid source retainers, e.g. reaction
	•	•	•	•	canisters; Connection of bags, covers,
					diffusers or inflation fluid sources therewith
					or together
21/2171			•	•	• {specially adapted for elongated
					cylindrical or bottle-like inflators with a
					symmetry axis perpendicular to the main
					direction of bag deployment, e.g. extruded
					reaction canisters (<u>B60R 21/2176</u> takes
2021/2152					precedence)}
2021/2172	•	•	•	•	• {the cover being connected to the
					surrounding part and to the module, e.g.
2021/2172					floating mounts}
2021/2173	•	•	•	•	• {the module or part thereof being movably mounted on the vehicle}
2021/2175					 • {using energy absorbing means}
2021/2175	•	•	•	•	 {using energy absorbing means} {the air bag components being completely
21/21/0	•	•	•	•	enclosed in a soft or semi-rigid housing or
					cover}
					····)

2021/2177	{Reaction canisters characterised by
	material}
2021/2178	••••• {Plastic}
21/23	• • Inflatable members (<u>B60R 21/18</u> takes
	precedence; connection to inflation fluid source
	retainers <u>B60R 21/217</u>)
21/231	characterised by their shape, construction or
	spatial configuration
2021/23107	•••• {the bag being integrated in a multi-bag
2021/22115	system}
2021/23115	•••• {with inflatable support compartments creating an internal suction volume}
2021/23123	{Heat protection panels}
2021/23123	{comprising sensitive compartments}
2021/2313	{specially adapted for side protection
21/25156	(<u>B60R 21/23184</u> , <u>B60R 21/232</u> take
	precedence)}
2021/23146	• • • • • {seat mounted}
2021/23153	
	passengers }
2021/23161	•••• {specially adapted for protecting at least
	two passengers, e.g. preventing them from
	hitting each other}
2021/23169	•••• {specially adapted for knee protection}
2021/23176	• • • • {specially adapted for foot protection}
21/23184	• • • • {Tubular air bags connected to the vehicle
	at their two extremities}
2021/23192	•••• {Roof bags, i.e. protecting the occupant in
21/232	a roll-over situation} Curtain-type airbags deploying mainly in a
21/232	vertical direction from their top edge
21/233	• • • • comprising a plurality of individual
	compartments; comprising two or more
	bag-like members, one within the other
	(<u>B60R 21/232</u> takes precedence)
2021/23308	••••• {the individual compartments defining
2021/2021	the external shape of the bag}
2021/23316	{Inner seams, e.g. creating separate
	compartments or used as tethering means }
2021/23324	• • • • • {Inner walls crating separate
2021/23321	compartments, e.g. communicating with
	vents}
2021/23332	••••• {using independent bags, one within
	the other}
21/2334	Expansion control features
21/2338	Tethers
2021/23382	• • • • • • {Internal tether means}
2021/23384	
2021/22206	detachable during deployment}
2021/23386	• • • • • • {External tether means}
2021/23388	
21/2342	• • • • • • Tear seams
21/2346	Soft diffusers
21/2340	
2021/23504	{characterised by material}
2021/23509	••••••• {Fabric}
2021/23514	••••••••••••••••••••••••••••••••••••••
2021/23519	••••• {Resin}
2021/23523	{Composite}
2021/23528	••••• {Metal}

2021/23533		•	• • {characterised by the manufacturing
			process}
2021/23538			••• {Sewing}
2021/23542			• • • {Weaving}
2021/23547			• • • {one piece weaving}
2021/23552	•••	•	{Knitting}
2021/23552	•••	•	{Molding}
2021/23557		•	
	•••	•	{Sealing}
2021/23566	•••	•	• • {Nesting of panels, i.e. for material utilisation}
2021/22571			,
2021/23571	•••	•	• • {characterised by connections between
2021/22555			panels}
2021/23576	• •	•	••• {Sewing}
2021/2358	•••	•	{Bonding}
2021/23585	•••	•	• • • {Vulcanisation}
2021/2359	•••	•	••• {Welding}
2021/23595	•••	•	• • • {Sealing}
21/237	•••	•	• characterised by the way they are folded
2021/2375		•	• • {Folding devices}
21/239		•	 characterised by their venting means
2021/2395			• {comprising means to control the venting}
21/26			characterised by the inflation fluid source
			or means to control inflation fluid flow
			{(arrangement or mounting thereof to the
			vehicle <u>B60R 21/20;</u> blasting cartridges for
			producing gas under pressure in general
			F42B 3/04; initiators or igniters therefor
			<u>F42B 3/10</u>)}
21/26005		•	• {the inflation fluid being transferred to
			the inflatable member by the mechanical
			deformation of the fluid container during an
			impact}
2021/26011			(using a filter through which the inflation
2021/20011	•••	-	• {using a filter through which the inflation
2021/20011		-	gas passes }
2021/26017		•	gas passes}{a cooling agent being added to the inflation
		•	gas passes}{a cooling agent being added to the inflation fluid}
		•	gas passes}{a cooling agent being added to the inflation
2021/26017		•	gas passes}{a cooling agent being added to the inflation fluid}
2021/26017 2021/26023		•	gas passes }{a cooling agent being added to the inflation fluid}{for filling the bag with foam}
2021/26017 2021/26023 2021/26029		•	 gas passes } {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors}
2021/26017 2021/26023 2021/26029 2021/26035		•	 gas passes } {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {triggered by mechanical means}
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041	· · · · ·	•	 gas passes } {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {triggered by mechanical means} {of elongated shape}
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26047	· · · · · · · · ·	•	<pre>gas passes} . {a cooling agent being added to the inflation fluid} . {for filling the bag with foam} . {Ignitors} {triggered by mechanical means} {of elongated shape} {of film shape} {using fluid materials}</pre>
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26047 2021/26052	· · · · · · · · · · · ·		<pre>gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {for filling the bag with foam} {Ignitors} {for filling the bag with foam} {for filling the bag with</pre>
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26047 2021/26052 2021/26058	· · · · · · · · · · · ·		<pre>gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {for filling the bag with foam} {Ignitors} {for filling the bag with foam} {for filling the bag with</pre>
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26047 2021/26052 2021/26058 2021/26064	· · · · · · · · · · · ·	• • •	<pre>gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {for filling the bag with foam} {Ignitors} {for filling the bag with foam} {for filling the bag with</pre>
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26047 2021/26052 2021/26058 2021/26064	· · · · · · · · · · · ·	• • •	<pre>gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {for filling the bag with foam} {Ignitors} {for filling the bag with foam} {for filling the bag with</pre>
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26047 2021/26052 2021/26058 2021/26064	· · · · · · · · · · · ·	• • •	 gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {triggered by mechanical means} {of elongated shape} {of film shape} {using fluid materials} {using a combination of inflators} {characterised by auto-ignition means} {characterised by heating or heat insulating means, e.g. for use under extreme temperatures}
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26047 2021/26058 2021/26064 2021/2607	· · · · · · · · · · · ·	• • •	 gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {triggered by mechanical means} {of elongated shape} {of film shape} {using fluid materials} {using a combination of inflators} {characterised by auto-ignition means} {characterised by heating or heat insulating means, e.g. for use under extreme temperatures} {characterised by casing}
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26047 2021/26052 2021/26058 2021/26074 2021/26076 2021/26076	· · · · · · · · · · · ·	• • •	<pre>gas passes} { gas passes}</pre>
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26047 2021/26052 2021/26058 2021/2607 2021/26076 2021/26082 2021/26088	· · · · · · · · · · · ·	• • •	<pre>gas passes} { {a cooling agent being added to the inflation fluid {for filling the bag with foam} {Ignitors} {for filling the bag with foam} {Ignitors} {for filling the bag with foam} {for elling the bag</pre>
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26047 2021/26052 2021/26058 2021/26074 2021/26076 2021/26076	· · · · · · · · · · · ·	• • •	<pre>gas passes} { gas passes}</pre>
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26052 2021/26058 2021/26058 2021/2607 2021/2607 2021/26082 2021/26082 2021/26088 2021/26094	· · · · · · · · · · · ·	• • •	<pre>gas passes} { gas passes} { gas passes} { gas cooling agent being added to the inflation fluid { for filling the bag with foam { fluid { for filling the bag with foam { fluid { for filling the bag with foam } { for filling the bag } { for filling the bag with foam } { for filling the bag with foam } { for filling the bag with foam } { for filling the bag } } { for</pre>
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26047 2021/26052 2021/26058 2021/2607 2021/26076 2021/26082 2021/26088	· · · · · · · · · · · ·	• • •	 gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {triggered by mechanical means} {of elongated shape} {of film shape} {using fluid materials} {using fluid materials} {characterised by auto-ignition means} {characterised by heating or heat insulating means, e.g. for use under extreme temperatures} {characterised by casing} {Material} {Plastic} with means other than bag structure to
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26052 2021/26058 2021/26058 2021/26064 2021/26076 2021/26076 2021/26088 2021/26084 2021/26094 21/261	· · · · · · · · · · · ·	• • •	 gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {triggered by mechanical means} {of elongated shape} {of film shape} {using fluid materials} {using a combination of inflators} {characterised by auto-ignition means} {characterised by heating or heat insulating means, e.g. for use under extreme temperatures} {characterised by casing} {Material} {Plastic} with means other than bag structure to diffuse or guide inflation fluid
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26052 2021/26058 2021/26064 2021/2607 2021/26076 2021/26082 2021/26088 2021/26094 21/261	· · · · · · · · · · · ·	• • •	 gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {triggered by mechanical means} {of elongated shape} {of film shape} {using fluid materials} {using a combination of inflators} {characterised by auto-ignition means} {characterised by heating or heat insulating means, e.g. for use under extreme temperatures} {characterised by casing} {Material} {Plastic} {characterised by fluid flow controlling valves} with means other than bag structure to diffuse or guide inflation fluid {Gas guiding means, e.g. ducts}
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26052 2021/26058 2021/26058 2021/26064 2021/26076 2021/26076 2021/26088 2021/26084 2021/26094 21/261	· · · · · · · · · · · ·	• • •	 gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {triggered by mechanical means} {of elongated shape} {of film shape} {using fluid materials} {using a combination of inflators} {characterised by auto-ignition means} {characterised by heating or heat insulating means, e.g. for use under extreme temperatures} {characterised by casing} {Material} {Plastic} {characterised by fluid flow controlling valves} with means other than bag structure to diffuse or guide inflation fluid {Gas guiding means, e.g. ducts} {for diverting the gas into a plurality of
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26052 2021/26058 2021/26064 2021/2607 2021/26076 2021/26082 2021/26088 2021/26094 21/261 2021/2612 2021/2615	· · · · · · · · · · · ·	• • •	 gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {triggered by mechanical means} {of elongated shape} {of film shape} {using fluid materials} {using a combination of inflators} {characterised by auto-ignition means} {characterised by heating or heat insulating means, e.g. for use under extreme temperatures} {characterised by casing} {Material} {Plastic} {characterised by fluid flow controlling valves} with means other than bag structure to diffuse or guide inflation fluid {Gas guiding means, e.g. ducts} {for diverting the gas into a plurality of bags}
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26047 2021/26058 2021/26058 2021/26064 2021/2607 2021/26076 2021/26088 2021/26094 21/261 2021/2612 2021/2615 2021/2617	· · · · · · · · · · · ·	• • •	 gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {triggered by mechanical means} {of elongated shape} {of film shape} {using fluid materials} {using a combination of inflators} {characterised by auto-ignition means} {characterised by heating or heat insulating means, e.g. for use under extreme temperatures} {characterised by casing} {Material} {Plastic} {characterised by fluid flow controlling valves} with means other than bag structure to diffuse or guide inflation fluid {Gas guiding means, e.g. ducts} {for diverting the gas into a plurality of bags} {Curtain bag nozzles}
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26052 2021/26058 2021/26064 2021/2607 2021/26076 2021/26082 2021/26088 2021/26094 21/261 2021/2612 2021/2615	· · · · · · · · · · · ·	• • •	 gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {triggered by mechanical means} {of elongated shape} {of film shape} {using fluid materials} {using a combination of inflators} {characterised by auto-ignition means} {characterised by heating or heat insulating means, e.g. for use under extreme temperatures} {characterised by casing} {Material} {Plastic} {characterised by fluid flow controlling valves} with means other than bag structure to diffuse or guide inflation fluid {for diverting the gas into a plurality of bags} {Curtain bag nozzles} Elongated tubular diffusers, e.g. curtain-
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26052 2021/26058 2021/26058 2021/2607 2021/2607 2021/26082 2021/26082 2021/26088 2021/26084 21/261 2021/2615 2021/2617 21/262	· · · · · · · · · · · ·	• • •	 gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {triggered by mechanical means} {of elongated shape} {of film shape} {using fluid materials} {using a combination of inflators} {characterised by auto-ignition means} {characterised by heating or heat insulating means, e.g. for use under extreme temperatures} {characterised by casing} {Material} {Plastic} {characterised by fluid flow controlling valves} with means other than bag structure to diffuse or guide inflation fluid {for diverting the gas into a plurality of bags} {Curtain bag nozzles} Elongated tubular diffusers, e.g. curtain-type
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26047 2021/26058 2021/26058 2021/26064 2021/2607 2021/26076 2021/26088 2021/26094 21/261 2021/2612 2021/2615 2021/2617	· · · · · · · · · · · ·	• • •	 gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {triggered by mechanical means} {of elongated shape} {of film shape} {using fluid materials} {using a combination of inflators} {characterised by auto-ignition means} {characterised by heating or heat insulating means, e.g. for use under extreme temperatures} {characterised by casing} {Material} {Plastic} {characterised by fluid flow controlling valves} with means other than bag structure to diffuse or guide inflation fluid {for diverting the gas into a plurality of bags} {Curtain bag nozzles} Elongated tubular diffusers, e.g. curtain-type using a variable source, e.g. plural stage
2021/26017 2021/26023 2021/26029 2021/26035 2021/26041 2021/26052 2021/26058 2021/26058 2021/2607 2021/2607 2021/26082 2021/26082 2021/26088 2021/26084 21/261 2021/2615 2021/2617 21/262	· · · · · · · · · · · ·	• • •	 gas passes} {a cooling agent being added to the inflation fluid} {for filling the bag with foam} {Ignitors} {triggered by mechanical means} {of elongated shape} {of film shape} {using fluid materials} {using a combination of inflators} {characterised by auto-ignition means} {characterised by heating or heat insulating means, e.g. for use under extreme temperatures} {characterised by casing} {Material} {Plastic} {characterised by fluid flow controlling valves} with means other than bag structure to diffuse or guide inflation fluid {for diverting the gas into a plurality of bags} {Curtain bag nozzles} Elongated tubular diffusers, e.g. curtain-type

2021/2633	••••• {with a plurality of inflation levels}
2021/2635	{The volume of gas being continuously
2021/2030	adjustable}
21/264	• • • using instantaneous generation of gas, e.g.
21/204	pyrotechnic (<u>B60R 21/268</u> takes precedence)
2021/2642	• • • • {comprising a plurality of combustion
2021/2042	chambers or sub-chambers}
01/07/14	,
21/2644	••••• {using only solid reacting substances, e.g.
	pellets, powder}
21/2646	••••• {the reacting substances being supported
	by the inflatable member walls, or by a
	flexible support within it}
2021/2648	••••• {comprising a plurality of combustion
	chambers or sub-chambers}
21/268	using instantaneous release of stored
	pressurised gas {(<u>B60R 21/26005</u> takes
	precedence)}
2021/2685	• • • • {comprising a plurality of pressure
	chambers }
21/272	with means for increasing the pressure of
	the gas just before or during liberation, e.g.
	hybrid inflators
2021/2725	••••• {using a fluid fuel gas generator}
21/274	characterised by means to rupture or open
	the fluid source
21/276	• • • • with means to vent the inflation fluid source,
	e.g. in case of overpressure { (B60R 21/30
	takes precedence; venting means on
	inflatable member walls <u>B60R 21/239</u>)}
2021/2765	• • • • • {comprising means to control the venting}
21/30	• • • • with means to draw ambient air into the flow
	line and mix such air with the inflation fluid
21/33	Arrangements for non-electric triggering of
	inflation (electrical circuits for triggering safety
	arrangements <u>B60R 21/01</u>)
2021/335	• • • {Connections between collision detecting
	means and inflators using pyrothechnic
	transmission lines}
21/34	• Protecting non-occupants of a vehicle, e.g.
	pedestrians {(<u>B60R 19/02</u> takes precedence)}
2021/343	• • {using deformable body panel, bodywork or
	components }
2021/346	• • {means outside vehicle body}
21/36	• • using airbags
21/38	• • using means for lifting bonnets
22/00	Safety belts or body harnesses in vehicles (safety
22/00	belts or body harnesses in general <u>A62B 35/00</u>)
22/001	• {Knee, leg or head belts}
2022/003	• {for restraining detainees}
2022/005	• {for restraining luggages}
2022/006	• {Sleeve or tubular members enveloping the seat belt
	for enhancing comfort or protection}
2022/008	• {Belts; Fixing thereof specially adapted for pregnant
	users }
22/02	• Semi-passive restraint systems, e.g. systems
	applied or removed automatically but not both
	{; Manual restraint systems (knee, leg or head
	belts <u>B60R 22/001</u> ; devices for releasing in an
	<pre>emergency, remote or automatic unbuckling devices B60R 22/32)}</pre>
2022/021	
2022/021	• • {Means for holding the tongue or buckle in a non-
	use position, e.g. for easy access by the user}

22/022	• • {with means for facilitating access to rear seats in
	two-door cars}
22/023	• • {Three-point seat belt systems comprising two side lower and one side upper anchoring devices (<u>B60R 22/02</u> , <u>B60R 22/03</u> take precedence)}
22/024	 . {Adaptations for use by small passengers, e.g. children (<u>B60R 22/20</u> takes precedence; using
	belt anti-slip devices <u>B60R 22/30</u>)}
2022/025	• • • {Adaptations for use with children seats or luggages}
2022/026	• • {at least two ends of the belt being retractable after use}
2022/027	• {Four-point seat belt systems, e.g. with the two upper points connected together}
2022/028	• {specially adapted for use in sleeping position, e.g. for reclining seats}
2022/029	• • {Belt storage; Devices or systems for controlling winding up of unused seat belt}
22/03	• Means for presenting the belt or part thereof to the wearer {, e.g. foot-operated}
22/04	• Passive restraint systems, i.e. systems both applied and removed automatically, e.g. by movement of the vehicle door
22/06	• having the belt or harness connected to a member slidable in a vehicle-mounted track
22/08	• having the belt retractor mounted on or in a vehicle closure, e.g. the door
22/10	 specially adapted for children or animals (children's seats <u>B60N 2/24</u>)
	NOTE
	Groups
	Groups
	-
	<u>B60R 22/02{B60R 22/022} - B60R 22/08</u> ,
	B60R 22/02{B60R 22/022} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over
	B60R 22/02{B60R 22/022} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10
22/105	 B60R 22/02{B60R 22/022} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 . {for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)}
22/105 22/12	 B60R 22/02{B60R 22/02} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 . {for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)} . Construction of belts or harnesses (B60R 21/18)
	 B60R 22/02{B60R 22/022} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 . {for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)}
	 B60R 22/02{B60R 22/02} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 . {for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)} . Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) . incorporating enlarged restraint areas, e.g. vests,
22/12	 B60R 22/02{B60R 22/02} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 (for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)} Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash
22/12	 B60R 22/02{B60R 22/02} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 (for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)} Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash pads for occupants' safety on vehicles in general
22/12 22/14	 B60R 22/02{B60R 22/02} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 (for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)} Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash pads for occupants' safety on vehicles in general B60R 21/02)}
22/12	 B60R 22/02{B60R 22/02} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 (for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)} Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash pads for occupants' safety on vehicles in general B60R 21/02)} using belts which become permanently deformed,
22/12 22/14	 B60R 22/02{B60R 22/022} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 • {for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)} • Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) • incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash pads for occupants' safety on vehicles in general B60R 21/02)} • using belts which become permanently deformed, i.e. one time use
22/12 22/14 22/16	 B60R 22/02{B60R 22/022} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 (for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)} Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash pads for occupants' safety on vehicles in general B60R 21/02)} using belts which become permanently deformed, i.e. one time use Anchoring devices
22/12 22/14 22/16 22/18	 B60R 22/02{B60R 22/02} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 (for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)) Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash pads for occupants' safety on vehicles in general B60R 21/02)} using belts which become permanently deformed, i.e. one time use Anchoring devices
22/12 22/14 22/16 22/18 2022/1806	 B60R 22/02{B60R 22/022} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 (for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)} Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash pads for occupants' safety on vehicles in general B60R 21/02)} using belts which become permanently deformed, i.e. one time use Anchoring devices {for buckles}
22/12 22/14 22/16 22/18 2022/1806	 B60R 22/02{B60R 22/02} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 (for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)) Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash pads for occupants' safety on vehicles in general B60R 21/02)} using belts which become permanently deformed, i.e. one time use Anchoring devices {for buckles} {Connections between seat belt and buckle tongue} {Belt guides}
22/12 22/14 22/16 22/18 2022/1806 2022/1812	 B60R 22/02{B60R 22/02} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 (for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)) Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash pads for occupants' safety on vehicles in general B60R 21/02)} using belts which become permanently deformed, i.e. one time use Anchoring devices {for buckles} {Connections between seat belt and buckle tongue}
22/12 22/14 22/16 22/18 2022/1806 2022/1812 2022/1818	 B60R 22/02{B60R 22/02} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 (for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)) Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash pads for occupants' safety on vehicles in general B60R 21/02)} using belts which become permanently deformed, i.e. one time use Anchoring devices {for buckles} {Connections between seat belt and buckle tongue} {Belt guides}
22/12 22/14 22/16 22/18 2022/1806 2022/1812 2022/1818 2022/1825	 B60R 22/02{B60R 22/022} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 (for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)} Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash pads for occupants' safety on vehicles in general B60R 21/02)} using belts which become permanently deformed, i.e. one time use Anchoring devices {for buckles} {Connections between seat belt and buckle tongue} {Belt guides} {comprising a slotted plate sliding in its plane, e.g. inside circular guides} {comprising a universal mounting, e.g.
22/12 22/14 22/16 22/18 2022/1806 2022/1812 2022/1818 2022/1825 2022/1831	 B60R 22/02{B60R 22/022} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 (for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)} Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash pads for occupants' safety on vehicles in general B60R 21/02)} using belts which become permanently deformed, i.e. one time use Anchoring devices {for buckles} {Connections between seat belt and buckle tongue} {Belt guides} {comprising a slotted plate sliding in its plane, e.g. inside circular guides} {comprising a universal mounting, e.g. spherical or cardan-type}
22/12 22/14 22/16 22/18 2022/1806 2022/1812 2022/1818 2022/1825 2022/1831 2022/1837 2022/1843	 B60R 22/02{B60R 22/022} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 (for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)} Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash pads for occupants' safety on vehicles in general B60R 21/02)} using belts which become permanently deformed, i.e. one time use Anchoring devices {for buckles} {Connections between seat belt and buckle tongue} {Belt guides} {comprising a slotted plate sliding in its plane, e.g. inside circular guides} {comprising a nelongated sleeve}
22/12 22/14 22/16 22/18 2022/1806 2022/1812 2022/1818 2022/1825 2022/1831 2022/1837	 B60R 22/02{B60R 22/022} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10 (for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)} Construction of belts or harnesses (B60R 21/18 takes precedence {; woven fabrics for safety belts D03D 1/0005}) incorporating enlarged restraint areas, e.g. vests, nets {, crash pads, optionally for children (crash pads for occupants' safety on vehicles in general B60R 21/02)} using belts which become permanently deformed, i.e. one time use Anchoring devices {for buckles} {Connections between seat belt and buckle tongue} {Belt guides} {comprising a slotted plate sliding in its plane, e.g. inside circular guides} {comprising a universal mounting, e.g. spherical or cardan-type}

22/19	• with means for reducing belt tension during use under normal conditions {(included in the
22/195	 retractor <u>B60R 22/44</u>)} with means to tension the belt in an emergency,
	{e.g. means of the through-anchor or splitted
	reel type}(electrical circuits for triggering safety arrangements { <u>B60R 21/01</u> })
	NOTE
	If the type of belt tensioner is not specified and can be used indifferently for pulling belt anchors or rotating belt reels, the documents are classified in <u>B60R 22/46</u>
22/1951	• • {characterised by arrangements in vehicle or relative to seat belt}
22/1952	• • {Transmission of tensioning power by cable; Return motion locking means therefor}
22/1953	•••• {the cable being pulled by mechanical means, e.g. pre-stressed springs, bumper
22/1954	displacement during crash} {characterised by fluid actuators, e.g.
	pyrotechnic gas generators (actuating a cable B60R 22/1952)}
22/1955	{Linear actuators}
22/1956	{Mechanical triggering means therefor (also adapted for air bag inflators <u>B60R 21/33</u>)}
2022/1957	• • • {characterised by electric actuators}
22/1958	{characterised by spring actuators (<u>B60R 22/1953</u> takes precedence)}
22/20	• • adjustable in position, e.g. in height
22/201	 . • {with the belt anchor connected to a slider movable in a vehicle-mounted track (for passive restraint systems <u>B60R 22/06</u>)}
22/202	 {the slider comprising spring-actuated locking means (<u>B60R 22/205</u> takes precedence)}
22/203	• • • • {the locking means being movably mounted on the slider}
22/205	• • • { the slider comprising emergency actuated locking means }
22/206	 . {Adjustable stop members for restraint systems comprising belt anchor vehicle mounted tracks, e.g. for passive seat belts}
2022/207	• • {Horizontally or transversally adjustable}
2022/208	• • • {by automatic or remote control means}
22/22	secured to the vehicle floor
22/24	secured to the side, door, or roof of the vehicle
22/26	• secured to the seat
2022/263	• • • {Front seats}
2022/266 22/28	• • • {Rear seats, e.g. benches}
22/28	• incorporating energy-absorbing devices { (belt anchors provided with energy-absorbing means
	for protecting the occupants in case of physical contact therewith <u>B60R 21/055</u> ; belt retractors
	comprising energy-absorbing means <u>B60R 22/341</u> , <u>B60R 22/4676</u>)}
2022/281	• • {for buckles}
2022/282	• • {using fluids or vico-elastic materials}
2022/283	• • {using tearing or scoring of material}
2022/284	• • {using electric or magnetic braking means}
2022/285	• • {using friction surfaces}
2022/286	• • {using deformation of material}
2022/287	• • • {of torsion rods or tubes}

2022/288	• • {with means to adjust or regulate the amount of
2022/202	energy to be absorbed}
2022/289	• {Energy-absorption curves}
22/30	• Coupling devices other than buckles, including length-adjusting fittings {or anti-slip devices (adaptations of manual three-point seat belt systems for use by small passengers using other means
	than belt anti-slip devices <u>B60R 22/024</u> ; buckles <u>A44B 11/00</u> ; releasable fastenings in general <u>F16B</u>)}
22/32	• Devices for releasing in an emergency, e.g. after an accident {; Remote or automatic unbuckling devices (unlocking devices for retractors <u>B60R 22/3416</u>)}
22/321	• {using electric means}
22/322	• • {using automatic actuating means (<u>B60R 22/321</u> takes precedence)}
22/324	• • {triggered by strong traction on the seat belt, e.g. with temporisation}
22/325	• • {using remote control means (<u>B60R 22/321</u> , <u>B60R 22/322</u> take precedence)}
2022/327	• • {using pyrotechnic means}
2022/328	• • {comprising means for cutting the belt}
22/34	• Belt retractors, e.g. reels (anchoring devices {, e.g.
	guide loops}, with means to tension the belt in an emergency $\underline{B60R \ 22/195}$)
2022/3402	• • {Retractor casings; Mounting thereof}
22/3405	• • {of the non-rotary type}
22/3408	 {without locking means (<u>B60R 22/3405</u> takes precedence)}
22/341	• • {comprising energy-absorbing means}
22/3413	• • {operating between belt reel and retractor frame (<u>B60R 22/4676</u> takes precedence)}
22/3416	• • {Unlocking devices for retractors (<u>B60R 22/3405</u> takes precedence)}
2022/3419	• • {with end lock preventing means}
2022/3421	• • {with means for locking the belt reel in a non-use
	position, e.g. for seat mounted retractor when the seat is in a non-locked condition}
2022/3424	• • {Multi-spool or multi-belt retractors}
2022/3427	• • {Seat belt connection on reels}
22/343	• with electrically actuated locking means $\{(\underline{B60R \ 22/3405} \text{ takes precedence})\}\$
22/347	• with means for permanently locking the retractor during the wearing of the belt (<u>B60R 22/3405</u> },
	B60R 22/343, B60R 22/415 take precedence)
2022/3475	• • {having means for acting directly upon the belt, e.g. by clamping or friction}
22/35	the locking means being automatically actuated
22/353	in response to belt movement when a wearer applies the belt
2022/3535	• • • • {comprising anti-cinch devices}
22/357	in response to fastening of the belt buckle
22/36	 self-locking in an emergency ({<u>B60R 22/3405</u>}, <u>B60R 22/343</u> take precedence)
22/38	responsive only to belt movement
2022/385	• • • { with adjustable sensitivity }
22/40	responsive only to vehicle movement
2022/401	• • • • {with adjustable sensor}
2022/402	•••• {automatically adjustable to keep a vertical position, e.g. irrespective of seat or vehicle tilting}
2022/403	••••••••••••••••••••••••••••••••••••••

2022/404	•••• {with remote sensor, e.g. for mounting on seat}
22/405	responsive to belt movement and vehicle movement
22/41	 with additional means for preventing locking {during unwinding} under predetermined conditions
22/415	• • • with additional means allowing a permanent locking of the retractor during the wearing of the belt
22/42	 having means for acting directly upon the belt, e.g. by clamping or friction {(not combined with the retractor <u>B60R 22/185</u>)}
22/44	 with means for reducing belt tension during use under normal conditions {(not included in the retractor <u>B60R 22/19; B60R 22/3405</u> takes precedence)}
2022/4406	• • {Spring shapes; Spring characteristic; Springs with adjustable anchoring means}
2022/4413	• • {by connecting the retracting spring to the belt reel by means of a transmission which decreases the spring force when the belt is pulled out, e.g. using conical pulleys}
2022/442	••• {using one spring and one additional retraction device in parallel}
2022/4426	• • • {the additional retraction device being a second spring}
2022/4433	• • • • {externally controlled}
2022/444	•••• {the additional retraction device being an electric actuator}
2022/4446	• • {using one spring and one additional retraction device in series}
2022/4453	• • • {the additional retraction device being a second spring}
2022/446	• • • • {with external control means}
2022/4466	• • • {the additional retraction device being an electric actuator}
2022/4473	• • • {using an electric retraction device}
2022/448	• • • {using a fluid actuated retraction device}
2022/4486	• • • {for cancelling the belt tension}
2022/4493	• • • {for braking the belt reel using friction surfaces
22/46	or the like}{Reels} with means to tension the belt in an
22/40	 {Rees} with means to tension the bert in an emergency {by forced winding up}(electrical circuits for triggering safety arrangements <u>B60R 21/01</u> {; tensioners using reels only guiding the belt during normal use, e.g. splitted reels <u>B60R 22/195</u>})
22/4604	• • {characterised by arrangements in vehicle or relative to seat belt}
2022/4609	• • • {using a plurality of tensioners}
2022/4614	•••• {one pretensioner acting on a plurality of belts}
22/4619	• • {Transmission of tensioning power by cable, e.g. using a clutch on reel side}
22/4623	• • • {the cable being pulled by mechanical means, e.g. pre-stressed springs, bumper displacement during crash}
22/4628	 . (characterised by fluid actuators, e.g. pyrotechnic gas generators (actuating a cable <u>B60R 22/4619</u>)}
22/4633	•••• {Linear actuators, e.g. comprising a piston moving along reel axis and rotating along its own axis}

2022/4638	•••• {comprising a piston moving along or in parallel to the reel axis}
2022/4642	 {the gas directly propelling a flexible driving means, e.g. a plurality of successive masses, in a tubular chamber}
2022/4647	 {the driving means being a belt, a chain or the like}
22/4652	{Mechanical triggering means therefor (also
2022/4657	adapted for air bag inflators <u>B60R 21/33</u>)} {comprising a plurality of charges}
2022/4657 2022/4661	 {comprising a pluranty of charges} {comprising venting means, e.g. for avoiding
2022/4001	overpressure in case of fire or for allowing return motion with energy absorption}
2022/4666	• • {characterised by electric actuators}
22/4671	• • • {characterised by spring actuators (B60R 22/4623 takes precedence)}
22/4676	• • • {comprising energy-absorbing means operating between belt reel and retractor frame}
2022/468	• • • {characterised by clutching means between actuator and belt reel}
2022/4685	• • • { with means to adjust or regulate the tensioning force in relation to external parameters }
2022/469	• • {reusable}
2022/4695	• • • {without winding function during normal use}
22/48	• Control systems, alarms, or interlock systems, for the correct application of the belt or harness
2022/4808	• • {Sensing means arrangements therefor}
2022/4816	• • • {for sensing locking of buckle}
2022/4825	• • • { for sensing amount of belt winded on retractor }
2022/4833	• • • {for sensing locking of retractor}
2022/4841	• • • {for sensing belt tension}
2022/485	• • • {for sensing belt anchor position, belt orientation, or the like}
2022/4858	• • • {for sensing pressure on seat}
2022/4866	• • {Displaying or indicating arrangements thereof}
2022/4875	• • • {on vehicle exterior}
2022/4883	• • {Interlock systems}
2022/4891	• • • { preventing use of the vehicle when the seatbelt is not fastened }
25/00	Fittings or systems for preventing or indicating
20,00	unauthorised use or theft of vehicles (locks for
	vehicles E05B 77/00-E05B 85/00)
25/001	• {Anti-theft devices acting on jacking means or
	props, e.g. for trailers}
25/002	• {Locking of control actuating or transmitting means (of steering mechanism <u>B60R 25/02</u>)}
25/003	• • {locking of control actuating means}
25/005	• • {of foot actuated control means (rods connecting pedals and steering wheels B60R 25/0221)}
25/006	• • • {using means preventing access, e.g. boxes, shutters}
25/007	• • • {of hand actuated control means}
25/008	•••• {comprising means for locking two or more control means together, e.g. hand-brake handle and gear shift lever}
25/01	 operating on vehicle systems or fittings, e.g. on doors, seats or windscreens
25/012	• • {Airbags triggered}
25/014	
	• {comprising means for locking the seat or parts thereof in a driving prevention position}

25/016	• • {comprising means for shuttering the windscreen or part thereof}
25/018	• {Thief traps}
25/018	
	• • operating on the steering mechanism
25/021	• • restraining movement of the steering column or steering wheel hub, e.g. restraining means controlled by ignition switch
25/02102	•••• { with supplementary safety device preventing operation of the starter of an
25/02105	engine already running } { Arrangement of the steering column thereof }
25/02107	• • • • {comprising overload clutching means}
25/0211	• • • {comprising a locking member radially and linearly moved towards the steering column}
25/02113	•••• {manually actuated, e.g. using removable locking means}
25/02115	• • • • {key actuated}
25/02118	••••• {with linear bolt motion parallel to the lock axis}
25/02121	{comprising safety devices avoiding locking until removal of the key}
25/02123	••••••••••••••••••••••••••••••••••••••
25/02126	••••• {with linear bolt motion perpendicular to the lock axis}
25/02128	{comprising safety devices avoiding locking until removal of the key}
25/02131	••••••••••••••••••••••••••••••••••••••
25/02134	{comprising a locking member axially moved along the steering column}
25/02136	{manually actuated, e.g. using removable locking members}
25/02139	• • • • {key actuated}
25/02142	• • • {comprising externally controlled safety devices for preventing locking during vehicle running condition}
25/02144	• • • • • {interlocked with gear box or gear lever}
25/02147	 {comprising a locking member having other than linear, axial or radial motion, e.g. rotatable; Steering column locking using balls, rollers or the like}
25/0215	• • • using electric means, e.g. electric motors or solenoids
25/02153	••••• {comprising a locking member radially and linearly moved towards the steering column}
25/02156	••••• {comprising a locking member axially moved along the steering column}
25/022	• • • operating on the steering wheel, e.g. bars locked to the steering wheel rim (<u>B60R 25/021</u> takes precedence)
25/0221	•••• {restraining means joining the steering wheel with another part of the car, e.g. pedals}
25/0222	• • • {by disjoining steering wheel and column}
25/0224	•••• {restraining of steering wheel by collapsing against column}
25/0225	• • • {using a rod locked on the steering wheel rim (<u>B60R 25/0221</u> takes precedence)}
25/0227	• • • {using means preventing access, e.g. boxes enclosing the steering wheel (<u>B60R 25/014</u> takes precedence)}

25/0220		25/2000	
25/0228	• • • {comprising a locking bolt or fork slidable between or around the steering wheel	25/2009 25/2018	• {Antitheft state indicator}
	spokes }	25/2018	 . {Central base unlocks or authorises unlocking} . {with data signals passing through the human
25/023	Countermeasures against the physical	25/2021	body}
	destruction of the steering lock	25/2036	• {by using the door logic and door and engine
25/04	• • operating on the propulsion system, e.g. engine or		unlock means}
2025/0405	drive motor	25/2045	• • {by hand gestures}
2025/0405 2025/041	 {from the external} {Preventing use of engine operating on the 	25/2054	• {by foot gestures}
2023/041	fluid supply}	25/2063 25/2072	 . {Ignition switch geometry} . {with means for preventing jamming or
2025/0415	• • • {with safe immobilisation}	23/2012	interference of a remote switch control signal}
25/042	• • • operating on the fuel supply	25/2081	• {combined with personal settings of other vehicle
25/043	• • • by blocking the exhaust		devices, e.g. mirrors, seats, steering wheels}
25/044	• • • by limiting or blocking the air supply	25/209	• • {Remote starting of engine}
25/045	• • by limiting or cutting the electrical supply to	25/21	• using hidden switches
25/06	the propulsion unitoperating on the vehicle transmission	25/22	• using mechanical identifiers
25/063	{Locking of foot actuated control actuating	25/225 25/23	. {key in lock presence switch}. using manual input of alphanumerical codes
23/003	means}	25/25	 using manual input of appaarumerical codes using electronic identifiers containing a code not
25/066	{Locking of hand actuated control actuating	25/24	memorised by the user
	means}	25/241	• • • {whereby access privileges are related to the
25/08	• • operating on brakes or brake systems		identifiers}
25/083	{Locking of foot-actuated control actuating	25/243	• • • {with more than one way to gain access}
25/086	means} {Locking of hand-actuated control actuating	25/245	• • • {where the antenna reception area plays a role}
25/080	means}	25/246	• • {characterised by the challenge triggering}
25/09	• • by restraining wheel rotation, e.g. wheel clamps	25/248 25/25	. {Electronic key extraction prevention}. using biometry
25/093	• • {comprising ground-engaging means}	25/252	Using biometry {Fingerprint recognition}
25/096	• • {comprising means for deflating tyres}	25/252	• • {Eye recognition}
25/10	• actuating a signalling device	25/257	• • {Voice recognition}
25/1001	• • {Alarm systems associated with another car	25/30	. Detection related to theft or to other events relevant
	fitting or mechanism, e.g. door lock or knob, pedals (features related to the general power		to anti-theft systems
	supply <u>B60R 25/1018</u>)}	25/302	• • {using recording means, e.g. black box}
25/1003	• {Alarm systems characterised by arm or disarm	25/305	• • {using a camera}
	features}	25/307	 {using data concerning maintenance or configuration}
25/1004	• • {Alarm systems characterised by the type of	25/31	• • of human presence inside or outside the vehicle
	sensor, e.g. current sensing means (using door lock sensors <u>B60R 25/1001</u>)}	25/32	• of vehicle dynamic parameters, e.g. speed or
25/1006	• • {Mechanical sensors, e.g. pendulums		acceleration
	(<u>B60R 25/101</u> takes precedence)}	25/33	• • of global position, e.g. by providing GPS
25/1007	{comprising associated circuitry}	25/24	coordinates
25/1009	• • {Sonic sensors; Signal treatment therefor}	25/34	• of conditions of vehicle components, e.g. of windows, door locks or gear selectors
25/101	• • • {Fuel level sensors}	25/40	• Features of the power supply for the anti-theft
25/1012	{Zone surveillance means, e.g. parking lots,	20/10	system, e.g. anti-theft batteries, back-up power
2025/1013	truck depots }Alarm systems characterised by the type of		supply or means to save battery power
2023/1013	warning signal, e.g. visual, audible}	25/403	• • {Power supply in the vehicle}
2025/1015	• • • {Signal coming from the exhaust}	25/406	• • {Power supply in the remote key}
2025/1016	• • • {Remote signals alerting owner or authorities,	99/00	Subject matter not provided for in other groups of
	e.g. radio signals}		this subclass
25/1018	• • {Alarm systems characterised by features related	2099/005	• {Protections against martens or rodents}
25/102	to the general power supply }	2225/00	Means indicating the functioning state of the alarm
25/102	• a signal being sent to a remote location, e.g. a radio signal being transmitted to a police station,	2225/00	system, e.g. indicating arming, using leds
	a security company or the owner	3300/00	
25/1025	• • • {preventing jamming or interference of said	2300/00	Details of viewing arrangements using cameras and displays, specially adapted for use in a vehicle
	signal }	2300/10	 characterised by the type of camera system used
25/104	• characterised by the type of theft warning	2300/101	 using cameras with adjustable capturing direction
	signal, e.g. visual or audible signals with special characteristics	2300/102	• using 360 degree surveillance camera system
25/1045	• • {Signal comming from the exhaust}	2300/103	• • using camera systems provided with artificial
25/20	 Means to switch the anti-theft system on or off 		illumination device, e.g. IR light source
		2300/105	• • using multiple cameras

2200/106	using night vision company
2300/106	• using night vision cameras
2300/107 2300/108	• using stereoscopic cameras
2300/108	• using 'non-standard' camera systems, e.g. camera sensor used for additional purposes i.a. rain
	sensor, camera sensor split in multiple image
	areas
2300/20	• characterised by the type of display used
2300/202	 displaying a blind spot scene on the vehicle part
2300/202	responsible for the blind spot
2300/205	• • using a head-up display
2300/207	• using multi-purpose displays, e.g. camera image
	and navigation or video on same display
2300/30	• characterised by the type of image processing
2300/301	• • combining image information with other obstacle
	sensor information, e.g. using RADAR/LIDAR/
	SONAR sensors for estimating risk of collision
2300/302	• • combining image information with GPS
	information or vehicle data, e.g. vehicle speed,
	gyro, steering angle data
2300/303	• • using joined images, e.g. multiple camera images
2300/304	• using merged images, e.g. merging camera image
0000/005	with stored images
2300/305	• • • merging camera image with lines or icons
2300/306	• using a re-scaling of images
2300/307	• virtually distinguishing relevant parts of a scene
2200/208	from the background of the scene
2300/308	• • by overlaying the real scene, e.g. through a head-up display on the windscreen
2300/40	 characterised by the details of the power supply or
2300/40	the coupling to vehicle components
2300/402	Image calibration
2300/404	• triggering from stand-by mode to operation mode
2300/406	 using wireless transmission
2300/408	• using a data bus
2300/50	• characterised by the display information being
	shared, e.g. external display, data transfer to other
	traffic participants or centralised traffic controller
2300/60	· characterised by monitoring and displaying vehicle
	exterior scenes from a transformed perspective
2300/602	• • with an adjustable viewpoint
2300/605	• • • the adjustment being automatic
2300/607	• from a bird's eye viewpoint
2300/70	characterised by an event-triggered choice to
	display a specific image among a selection of
2200/90	captured images
2300/80	characterised by the intended use of the viewing arrangement
2300/8006	• for monitoring and displaying scenes of vehicle
2300/0000	interior, e.g. for monitoring passengers or cargo
2300/8013	• • • for child monitoring
2300/802	• for monitoring and displaying vehicle exterior
	blind spot views
2300/8026	• • • in addition to a rear-view mirror system
2300/8033	• for pedestrian protection
2300/804	• • for lane monitoring
2300/8046	• for replacing a rear-view mirror system
2300/8053	• • for bad weather conditions or night vision
2300/806	• • for aiding parking
2300/8066	• • for monitoring rearward traffic
2300/8073	• for vehicle security, e.g. parked vehicle
	surveillance, burglar detection
2300/808	• • for facilitating docking to a trailer
2300/8086	for vehicle path indication

2300/8093	• • for obstacle warning
2325/00	Indexing scheme relating to vehicle anti-theft devices
2325/10	• Communication protocols, communication systems of vehicle anti-theft devices
2325/101	• • Bluetooth
2325/103	. Near field communication [NFC]
2325/105	Radio frequency identification data [RFID]
2325/106	Internet
2325/108	Encryption
2325/20	. Communication devices for vehicle anti-theft
	devices
2325/202	• • Personal digital assistant [PDA]
2325/205	Mobile phones
2325/207	• • Satellites
2325/30	. Vehicles applying the vehicle anti-theft devices
2325/302	• • Airplanes
2325/304	• • Boats
2325/306	Motorcycles
2325/308	Industrial vehicles
2325/40	Programmable elements