CPC COOPERATIVE PATENT CLASSIFICATION

PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

TRANSPORTING

B

B60 VEHICLES IN GENERAL

(NOTE omitted)

B60N SEATS SPECIALLY ADAPTED FOR VEHICLES; VEHICLE PASSENGER ACCOMMODATION NOT OTHERWISE PROVIDED FOR

NOTES

- 1. Attention is drawn to the Note following the class title $\underline{B60}$
- 2. {In this subclass the following term is used with the meaning indicated:
 "cushion": seating part of a seat distinguished from the back-rest}
- 3. {In this subclass, it is desirable to add the indexing codes <u>B60N 2210/00</u> <u>B60N 2210/50</u>, <u>B60N 2220/00</u> <u>B60N 2220/30</u> and <u>B60N 2230/00</u> <u>B60N 2230/30</u> with the exception of groups <u>B60N 2/0021</u> and <u>B60N 2/0035</u>, where the allocation of the indexing codes is mandatory in accordance with their note}

2/00 2/002	 Seats specially adapted for vehicles; Arrangement or mounting of seats in vehicles (railway seats B61D 33/00; cycle seats B62J 1/00; aircraft seats B64D 11/06, B64D 25/04, B64D 25/10) {Seats provided with an occupancy detection means mounted therein or thereon (detection means responsive to presence or absence of children B60N 2/266)} 	2/0035 {characterised by the sensor data transmission, e.g. wired connections or wireless transmitters therefor; characterised by the sensor data processing, e.g. seat sensor signal amplification or electric circuits for providing seat sensor information } <u>NOTE</u>
2/0021	 . {characterised by the type of sensor or measurement} NOTE 	{In this group, it is mandatory to add the indexing codes of groups $\underline{B60N 2220/00} - \underline{B60N 2220/30}$ and $\underline{B(0N 2220/00)} - \underline{B(0N 2220/20)}$
	{In this group, it is mandatory to add the indexing codes of groups B60N 2210/00 - B60N 2210/50}	 <u>B60N 2230/00</u> - <u>B60N 2230/30</u>} 2/005 Arrangement or mounting of seats in vehicles {, e.g. dismountable auxiliary seats}(<u>B60N 2/02</u> takes precedence {; for railway vehicles <u>B61D 1/04</u>})
2/0022	• • { for sensing anthropometric parameters, e.g. heart rate or body temperature }	2002/0055 {characterised by special measures to ensure that no seat or seat part collides, during its movement, with other seats, seat parts or the vehicle itself}
2/0023 2/0024 2/0025	 . {for detection of driver fatigue} . {for identifying, categorising or investigation of the occupant or object on the seat} {by using weight measurement} 	 2/01 Arrangement of seats relative to one another 2/012 {The seat support being a part of the vehicle body or chassis}
2/0025 2/0026 2/0027	 . (by using weight measurement) {for distinguishing between humans, animals or objects} {for detecting the position of the occupant or 	 2/015 . Attaching seats directly to vehicle chassis 2/01508 {using quick release attachments} 2/01516 {with locking mechanisms}
2/0027	of occupant's body part} •••• {of a body part, e.g. of an arm or a leg}	2/01525 {with locking elements expanding inside or under the vehicle floor or rail}
2/0029 2/003	 {for detecting the motion of the occupant} {characterised by the sensor mounting location in or on the seat} 	2/01533 {using balls interlocking with notches} 2/01541 {using moving hooks (<u>B60N 2/01583</u> takes precedence)}
2/0031 2/0032	 {mounted on the frame} {mounted on springs} 	2/0155 {with the locking mechanism on the vehicle floor or rail}
2/0033 2/0034	 {mounted on or in the foam cushion} {in, under or on the seat cover} 	 2/01558 {with key and slot} 2/01566 {key rotating about a vertical axis} 2/01575 {key sliding inside the vehicle floor or rail}
		2/01583 {locking on transversal elements on the vehicle floor or rail, e.g. transversal rods}

2/01591 . . . {with wheels coupled to the seat}

2/02	the seat or part thereof being movable, e.g. adjustable (adjustable arm-rests <u>B60N 2/75;</u> adjustable head-rests <u>B60N 2/806</u>)		
2002/0204	• {characterised by the seat or seat part turning about or moving along a non-standard, particular axis, i.e. an axis different from the axis characterising the conventional movement}		
2002/0208	• • • {the seat or seat part turning about or moving along an inclined axis}		
2002/0212	• • {the seat or seat part turning about or moving along a longitudinal axis}		
2002/0216	• • • {the seat or seat part turning about or moving along a transversal axis}		
2002/022	 . {the seat or seat part turning about or moving along a vertical axis} 		
2/0224	 • {Non-manual adjustments, e.g. with electrical operation} 		
2/02246	• • {Electric motors therefor}		
2/02240			
	• • • {characterised by the transmission between the electric motor and the seat or seat parts}		
2/02258	• • • {characterised by the mounting of the electric motor for adjusting the seat}		
2/0226	• • {User interfaces specially adapted for seat adjustment}		
2/0228	• • • {Hand-activated mechanical switches (<u>B60N 2/0229</u> takes precedence)}		
2/0229	• • • {characterised by the shape, e.g. switches having cushion or backrest shape}		
2/0231	{concealed interfaces, e.g. hidden below seat cover}		
2/0233	• • • {Touchscreens}		
2/0235	{Joysticks}		
2/0233			
	• • • {using portable terminals, e.g. smartphones}		
2/0239	• • • {using movement detection or gesture recognition}		
2/0241	• • • {using augmented or virtual reality}		
2/0244	• • • {with logic circuits}		
2/0248	• • • { with memory of positions }		
2/0252	• • • • { with relations between different		
	adjustments, e.g. height of headrest following longitudinal position of seat}		
2/0256	• • • • {Arrangements for facilitating the occupant		
	to get in or out of the vehicle, e.g. stowing a seat forward}		
2/026	• • • {varying hardness or support of upholstery,		
2,020	e.g. for tuning seat comfort when driving curved roads}		
2/0264	{characterised by the type of electrical		
2/0268	connection, e.g. wiring, plugs or USB} {using sensors or detectors for adapting the		
2/0200	seat or seat part, e.g. to the position of an occupant}		
2/0272	• • • • {using sensors or detectors for detecting the		
2/0273	position of seat parts}taking into account user data, e.g. knee		
2/0274	height or physical state} {movement of the seat following a virtual		
	reality simulation}		
2/0276	{reaction to emergency situations, e.g. crash}		
2/0277	• • • • {characterised by the calculation method		
	or calculation flow chart of sensor data for		
	adjusting the seat }		

	2/0278	• • • { using sensors external to the seat for measurements in relation to the seat adjustment, e.g. for identifying the presence of obstacles or the appropriateness of the occupants position }
	2/0279	• • • • {for detecting objects outside the vehicle, e.g. for user identification}
	2/028	• • {Elastically mounted back-rests}
	2/0284	• {Adjustable seat-cushion length (<u>B60N 2/0224</u>
		takes precedence)}
	2002/0288	• • {Adjustable seat width}
	2/0292	• • {Multiple configuration seats, e.g. for spacious vehicles or mini-buses}
	2/0296	• • {Central command actuator to selectively switch
		on or engage one of several special purpose
	2/04	circuits or mechanisms }
	2/04 2/045	 the whole seat being movable {Longitudinal adjustment by means of
	2/043	articulated rods supporting the seat, e.g.
		parallelogram mechanisms (<u>B60N 2/38</u> takes
		precedence)}
	2/06	••• slidable (<u>B60N 2/12</u> {, <u>B60N 2/2209</u> } take
		precedence)
	2/062	• • • • {transversally slidable}
	2/065	• • • • {Rear seats}
	2/067	•••• {by linear actuators, e.g. linear screw mechanisms}
	2/07	• • • Slide construction
	2/07	• • • • {characterised by its cross-section}
	2/0702	{omega-shaped}
	2/0703	{J-shaped}
	2/071	•••••• {T-shaped}
	2/0712	•••••• {H or double T-shaped}
	2/0715	••••• {C or U-shaped}
	2/0717	• • • • • {Rounded, e.g. circular}
	2/072	{Complex cross-section, e.g. obtained
		by extrusion}
	2/0722	• • • • {Constructive details}
	2/0725	{Closing members for covering the slide}
	2/0727	••••• {Stop members for limiting sliding movement}
	2/073	••••• {Reinforcement members preventing slide dislocation}
	2/0732	••••• {Attachment of seat frame to the slide, e.g. eyelets}
	2/0735	•••• {Position and orientation of the slide as a whole}
	2/0737	••••• {the slide path being substantially in a direction different from the longitudinal}
	2/074	• • • • • • {rotated about the transversal axis}
	2/0742	••••••••••••••••••••••••••••••••••••••
	2/0745	••••• {the slide path being curved}
	2/0747	••••• {the opening of the cross section being
		oriented in a direction different from the vertical, e.g. transversal}
n	2/075	roller-less
}	2/08	characterised by the locking device
	2/0806	••••• {with pin alignment systems, e.g. with at least one of a plurality of locking pins always aligned w.r.t. at least one of a plurality of pin-receiving elements}
	2/0812	• • • • • {Location of the latch}

2/0818	••••• {inside the rail}	2/183
2/0825	• • • • • {outside the rail}	
2/0831	• • • • {Movement of the latch}	2/183
2/0837	••••• {pivoting}	
2/0843	••••• {about a longitudinal axis}	2/184
2/085	••••• {about a transversal axis}	2/10
2/0856	••••• {about a vertical axis}	2/184
2/0862	••••• {sliding}	2/18
2/0868	••••• {in a transversal direction}	2/18.
2/0875	••••• {in a vertical direction}	2/18
2/0881	• • • • • {Activation of the latches by the control	2/18
2/0007	mechanism}	2/100
2/0887	• • • • • {with synchronised movements}	
2/0893	• • • • {allowing independent movement of the latches, e.g. to recover tolerance errors}	2/180
2/10	• • • tiltable (<u>B60N 2/12</u> {, <u>B60N 2/2875</u> } take	2/180
2/10	precedence)	2/18
2/12	• • • slidable and tiltable	2/187
2/123	• • • { and provided with memory locks }	2/187
2002/126	• • • • {the backrest being maintained in its tilted	2/188
	position until the seat has slided to its	2/188
	memorised position}	2/188
2/14	• • rotatable, e.g. to permit easy access (<u>B60N 2/10</u>	2/189
	{, <u>B60N 2/2869</u> } take precedence)	2/189
2/143	• • • {taking a position opposite to the original	
	one}	2/20
2/146	• • • {characterised by the locking device}	
2/16	height-adjustable	2/20/
2/1605	• • • {characterised by the cinematic}	2/203
2/161	•••• {Rods}	2/200
2/1615	••••• {Parallelogram-like structure}	2/22
2/162	Parallelogram-like structure } Scissors-like structure }	2/22
2/162 2/1625	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} 	
2/162 2/1625 2/163	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Slides only} 	2002/220
2/162 2/1625 2/163 2/1635	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Slides only} {characterised by the drive mechanism} 	
2/162 2/1625 2/163 2/1635 2/164	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Slides only} {characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} 	2002/220
2/162 2/1625 2/163 2/1635 2/164 2/1645	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Slides only} {characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} 	2002/220
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Slides only} {Characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Gear wheel driven mechanism} 	2002/220
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/1655	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Slides only} {Characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Gear wheel driven mechanism} {Cycloidal or planetary mechanism} 	2002/220 2/220
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/1655 2/1655 2/166	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Combination of rods and slides} {Slides only} {Slides only} {Characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Cycloidal or planetary mechanism} {Worm and worm gear articulations} 	2002/220 2/220
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/1655 2/166 2/1665	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Combination of rods and slides} {Slides only} {Slides only} {Characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Worm and worm gear articulations} 	2002/220 2/220 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/1665 2/1665 2/167	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Slides only} {Characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Cycloidal or planetary mechanism} {Worm and worm gear articulations} {Ratchet mechanism} 	2002/220 2/220 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/1665 2/1665 2/167 2/1675	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Combination of rods and slides} {Slides only} {Characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Cycloidal or planetary mechanism} {Worm and worm gear articulations} {Ratchet mechanism} {with weight compensating means} 	2002/220 2/220 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/1665 2/1665 2/167 2/1675 2/168	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Combination of rods and slides} {Slides only} {Characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Cycloidal or planetary mechanism} {Worm and worm gear articulations} {Ratchet mechanism} {with weight compensating means} {and provided with braking systems} 	2002/220 2/220 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/1665 2/1665 2/167 2/1675 2/168 2/1685	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Combination of rods and slides} {Slides only} {Slides only} {Characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Gear wheel driven mechanism} {Cycloidal or planetary mechanism} {Worm and worm gear articulations} {Ratchet mechanism} {with weight compensating means} {and provided with braking systems} 	2002/220 2/220 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/1665 2/1665 2/167 2/1675 2/168	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Combination of rods and slides} {Slides only} {Slides only} {characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Gear wheel driven mechanism} {Cycloidal or planetary mechanism} {Worm and worm gear articulations} {Hydraulic or pneumatic actuation} {Ratchet mechanism} {with weight compensating means} {characterised by a lock} {Stepwise movement mechanisms, e.g. 	2002/220 2/220 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/1655 2/165 2/1665 2/1665 2/167 2/1675 2/168 2/1685 2/1685 2/169	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Combination of rods and slides} {Slides only} {Slides only} {characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Cycloidal or planetary mechanism} {Worm and worm gear articulations} {Hydraulic or pneumatic actuation} {Ratchet mechanism} {with weight compensating means} {characterised by a lock} {Stepwise movement mechanisms, e.g. ratchets (<u>B60N 2/167</u> takes precedence)} 	2002/220 2/220 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/1665 2/1665 2/167 2/1675 2/168 2/1685	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Combination of rods and slides} {Slides only} {Slides only} {characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Worm and worm gear articulations} {Worm and worm gear articulations} {Hydraulic or pneumatic actuation} {Ratchet mechanism} {and provided with braking systems} {characterised by a lock} {Stepwise movement mechanisms, e.g. ratchets (<u>B60N 2/167</u> takes precedence)} {with simultaneous height and inclination 	2002/220 2/220 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/166 2/1665 2/167 2/167 2/167 2/168 2/1685 2/168 2/1685 2/1695	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Combination of rods and slides} {Slides only} {Slides only} {characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Rotchet mechanism} {Worm and worm gear articulations} {Hydraulic or pneumatic actuation} {Ratchet mechanism} {Ratchet mechanism} {and provided with braking systems} {Stepwise movement mechanisms, e.g. ratchets (B60N 2/167 takes precedence)} {with simultaneous height and inclination adjustment} 	2002/220 2/22 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/1655 2/165 2/1665 2/1665 2/167 2/1675 2/168 2/1685 2/1685 2/169	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Combination of rods and slides} {Slides only} {Slides only} {characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Gear wheel driven mechanism} {Cycloidal or planetary mechanism} {Worm and worm gear articulations} {Hydraulic or pneumatic actuation} {Ratchet mechanism} {Ratchet mechanism} {characterised by a lock} {Stepwise movement mechanisms, e.g. ratchets (B60N 2/167 takes precedence)} {with simultaneous height and inclination adjustment} the front or the rear portion of the seat being 	2002/220 2/22 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/166 2/1665 2/167 2/167 2/167 2/168 2/1685 2/168 2/1685 2/1695	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Combination of rods and slides} {Slides only} {Slides only} {characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Rotchet mechanism} {Worm and worm gear articulations} {Hydraulic or pneumatic actuation} {Ratchet mechanism} {Ratchet mechanism} {and provided with braking systems} {Stepwise movement mechanisms, e.g. ratchets (B60N 2/167 takes precedence)} {with simultaneous height and inclination adjustment} 	2002/220 2/22 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/1665 2/1665 2/167 2/1675 2/168 2/1685 2/169 2/1695 2/18	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Combination of rods and slides} {Slides only} {Slides only} {characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Ratchet mechanism} {Ratchet mechanism} {mechanism} {Ratchet mechanism} {stepwise movement mechanisms, e.g. ratchets (B60N 2/167 takes precedence)} {with simultaneous height and inclination adjustment} the front or the rear portion of the seat being adjustable, e.g. independently of each other 	2002/220 2/22 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/1665 2/1665 2/167 2/1675 2/168 2/1685 2/169 2/1695 2/18	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Slides only} {Slides only} {characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Worm and worm gear articulations} 	2002/220 2/22 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/1665 2/1665 2/167 2/1675 2/168 2/1685 2/169 2/1695 2/1803	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Slides only} {Slides only} {characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} 	2002/220 2/22 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/1665 2/1665 2/167 2/1675 2/168 2/1685 2/169 2/1695 2/169 2/1695 2/1803 2/1803	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Combination of rods and slides} {Slides only} {Slides only} {Linear actuator, e.g. screw mechanism} 	2002/220 2/22 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/1665 2/167 2/1675 2/168 2/1685 2/169 2/169 2/1695 2/180 2/1803 2/1807 2/181	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Slides only} 	2002/220 2/22 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/166 2/1665 2/167 2/1675 2/168 2/168 2/1685 2/169 2/169 2/1695 2/180 2/1803 2/1807 2/181 2/1814	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Slides only} {Slides only} {characterised by the drive mechanism} {Linear actuator, e.g. screw mechanism} {Eccentric mechanism} {Gear wheel driven mechanism} {Gear wheel driven mechanism} {Gear wheel driven mechanism} 	2002/220 2/22 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/166 2/1665 2/167 2/167 2/167 2/167 2/168 2/168 2/1685 2/169 2/1695 2/180 2/1803 2/1807 2/181 2/1814 2/1817	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Slides only} 	2002/220 2/22 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/1665 2/167 2/167 2/167 2/167 2/167 2/168 2/168 2/169 2/1695 2/189 2/1803 2/1803 2/1807 2/1814 2/1814 2/1817 2/1821	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Slides only} 	2002/220 2/22 2/22 2/22 2/22 2/22 2/22
2/162 2/1625 2/163 2/1635 2/164 2/1645 2/165 2/165 2/1665 2/167 2/167 2/167 2/167 2/167 2/167 2/168 2/168 2/169 2/1695 2/18 2/1803 2/1807 2/181 2/1817 2/1814 2/1817 2/1821 2/1825	 {Parallelogram-like structure} {Scissors-like structure} {Combination of rods and slides} {Slides only} 	2002/220 2/22 2/22 2/22 2/22 2/22 2/22

2/1835	••••• {pivoting about an axis located in the front}
2/1839	••••••••••••••••••••••••••••••••••••••
2/1842	••••• {pivoting about an axis located in the
2/1846	rear} {pivoting about a distant axis, e.g.
2/185	<pre>virtual }</pre>
2/1853	
2/1853	 {Linear actuator, e.g. screw mechanism} {Eccentric mechanism}
2/1857	••••••••••••••••••••••••••••••••••••••
2/100	by a moving slot or a cam along a predetermined path}
2/1864	• • • • • {Gear wheel driven mechanism}
2/1867	• • • • • {Cycloidal or planetary mechanism}
2/1871	••••• {Worm and worm gear articulations}
2/1875	••••• {Racks}
2/1878	••••• {Hydraulic or pneumatic actuation}
2/1882	{Ratchet mechanism}
2/1885	•••• {with weight compensating means}
2/1889	•••• {and provided with braking systems}
2/1892	• • • • {characterised by a lock}
2/1896	•••• {Stepwise movement mechanisms, e.g. ratchets (<u>B60N 2/1882</u> takes precedence)}
2/20	• the back-rest being tiltable, e.g. to permit easy
	access (<u>B60N 2/04</u> , <u>B60N 2/22</u> {, <u>B60N 2/3002</u> }
	take precedence)
2/203	• • • {taking a position opposite to the original one}
2/206	• • {to a position in which it can be used as a
	support for objects, e.g. as a tray }
2/22	. the back-rest being adjustable $\{(\underline{B60N \ 2/2878})$
	takes precedence)}
2002/2204	• • {Adjustable back-rest height or length}
2/2209	• • • {by longitudinal displacement of the cushion,
	e.g. back-rest hinged on the bottom to the cushion and linked on the top to the vehicle
	frame}
2/2213	• • {Gear wheel driven mechanism (B60N 2/2231,
_/	$\frac{B60N 2/225}{2} \text{ take precedence}$
2/2218	{Transversally moving locks}
2/2222	• • • {the back-rest having two or more parts}
2/2227	• • • {and provided with braking systems}
2/2231	• • • {Worm and worm gear articulations}
2/2236	• • • {with a transversal pin displaced by a slot or a
	cam along a predetermined path }
2/224	• • • {Stepwise movement mechanisms, e.g.
	ratchets }
2/2245	• • {provided with a lock mechanism on the upper
2/225	part of the back-rest}
2/225	• • • by cycloidal or planetary mechanisms
2/2251	•••• {with gears having orbital motion, e.g. sun and planet gears}
2/2252	• • • {in which the central axis of the gearing lies
	inside the periphery of an orbital gear, e.g.
	one gear without sun gear}
2/2254	• • • {provided with braking systems}
2/2255	• • • • {with coiled springs}
2/2257	• • • • {with rollers or balls}
2/2258	• • • • {with ratchets}
2/23	• • by {linear actuators, e.g.} linear screw
2/221	<pre>mechanisms {by hydraulic actuators}</pre>
2/231	• • • { by nyuraulic actuators}

2/232	• • • • {provided with memory locks}
2/233	• • • • {by linear screw mechanisms}
2/235	• • • by gear-pawl type mechanisms
2/2352	•••• {with external pawls}
2/2354	• • • • { and provided with memory locks }
2/2356	• • • {with internal pawls}
2/2358	• • • • { and provided with memory locks }
2/236	• • • • {linearly movable}
2/2362	• • • • {rotatably movable}
2/24	 for particular purposes or particular vehicles
2/242	• • {Bus seats}
2/245	• • {for handicapped persons}
2002/247	• • {to support passengers in a half-standing
	position}
2/26	• for children (<u>B60N 2/30</u> takes precedence)
2/265	• • • {Adaptations for seat belts}
2/266	• • • {with detection or alerting means responsive to
	presence or absence of children; with detection
	or alerting means responsive to improper
	locking or installation of the child seats or parts
2/2/7	thereof}
2/267	{alerting means responsive to presence or
0/060	absence of children}
2/268	• • • • {detecting or alerting means responsive to the installation of the child seats in the
	vehicle }
2/269	• • • • { detecting or alerting means responsive
2/209	to the Isofix locking on the child seat or
	vehicle}
2/271	{ detecting or alerting means responsive to
	securing the child in the seat}
2/272	• • • • {Buckle lock sensors for child seat safety
_/	belts}
2/273	• • • {with detection or alerting means responsive to
	crashes}
2/274	• • • {characterised by the communication means
	between the child seat and another entity, e.g.
	vehicle or portable device }
2/28	Seats readily mountable on, and dismountable
	from, existing seats {or other parts} of the
	vehicle
2/2803	{Adaptations for seat belts}
2/2806	• • • • {for securing the child seat to the vehicle}
2/2809	• • • • • { with additional tether connected to the
	top of the child seat and passing above
a /a - · -	the top of the back-rest}
2/2812	•••• {for securing the child to the child seat}
2/2816	•••• {with additional belt accessories, e.g. belt
0/0010	tension detectors}
2/2818	{characterised by guiding means for
0/0801	children belts}
2/2821	{having a seat and a base part}
2/2824	{part of the base being supported by the unbigle frame (P (ON) 2/280 takes
	the vehicle frame (<u>B60N 2/289</u> takes precedence)}
2/2827	• • • • { part of the base being supported by
2/2021	the seat sub-frame (<u>B60N 2/2893</u> takes
	precedence)}
2/283	• • • {suspended}
2/2833	<pre> {suspended}</pre>
2/2833	• • • • {window-frame suspended}
2/2830	 {window-mane suspended} {having a front guard or barrier}
212039	

2/2842	• • • {adapted to carry the child, when dismounted	
	from the vehicle}	
2/2845	••••• {having handles}	
2/2848	• • • • • {being convertible or adaptable to a	
	preambulator, e.g. a baby-carriage or a	
	push-chair}	
2/2851	• • • • {provided with head-rests}	
2/2854	• • • {Children's cots; Hammocks}	
2/2857	• • • {characterised by the peculiar orientation of	
	the child (<u>B60N 2/2869</u> takes precedence)}	
2/286	• • • • {forward facing (<u>B60N 2/2866</u> takes	
2,200	precedence)}	
2/2863	• • • • {backward facing}	
2/2866	• • • • • • • • • • • • • • • • • • •	
2/2000	proper use of the conventional safety belts }	
2/2869	• • • {rotatable about a vertical axis}	
2/2872	• • • {provided with side rests}	
2/2872	 {inclinable, as a whole or partially} 	
2/2878	• • • • {the back-rest being inclinable}	
2/2881	{Upholstery, padded or cushioned members	
0/0004	therefor}	
2/2884	• • • { with protection systems against abnormal g-	
0/0007	forces}	
2/2887	• • • {Fixation to a transversal anchorage bar, e.g.	
2/200	isofix}	
2/289	{coupled to the vehicle frame}	
2/2893	• • • • {coupled to the seat sub-frame}	
2002/2896	• • • • {the child seat being foldable, e.g. to	
	facilitate transport}	
2/30	Non-dismountable {or dismountable} seats	
	storable in a non-use position, e.g. foldable spare	
	seats	
2/3002	• • • {back-rest movements}	
2/3002 2/3004	. {back-rest movements} {by rotation only}	
	 . {back-rest movements} . {by rotation only} {about longitudinal axis} 	
2/3004 2/3006 2/3009	. {back-rest movements} {by rotation only}	
2/3004 2/3006	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {the back-rest being hinged on the 	
2/3004 2/3006 2/3009	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {the back-rest being hinged on the cushion, e.g. "portefeuille movement"} 	
2/3004 2/3006 2/3009	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {the back-rest being hinged on the 	
2/3004 2/3006 2/3009 2/3011	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {the back-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} 	
2/3004 2/3006 2/3009 2/3011	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {the back-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the axis being located at the top of 	
2/3004 2/3006 2/3009 2/3011 2/3013	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {buck-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the axis being located at the top of the back-rest} 	
2/3004 2/3006 2/3009 2/3011 2/3013	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {the back-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the axis being located at the top of 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {buck-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the axis being located at the top of the back-rest} 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3018	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {buck-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the axis being located at the top of the back-rest} {about vertical axis} 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3018 2/302	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {buck-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the axis being located at the top of the back-rest} {about vertical axis} {buck-rest} <l< td=""><td></td></l<>	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3018 2/302 2/3022	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {buck-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the axis being located at the top of the back-rest} {about vertical axis} {buck-rest} {about vertical axis} {buck-rest} {about vertical axis} {buck-rest} {buck-rest} {about vertical axis} {buck-rest} {about vertical axis} {buck-rest} {buck-rest} {buck-rest} {buck-rest} {about vertical axis} {buck-rest} 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3018 2/302 2/3022 2/3022 2/3025	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {buck-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the back-rest being located at the top of the back-rest} {the axis being located at the top of the back-rest} {about vertical axis} {by translation only} {along longitudinal axis} {along transversal axis} 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3018 2/302 2/3022 2/3025 2/3027	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {but transversal axis} {along longitudinal axis} {along vertical axis} {along vertical axis} 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3018 2/302 2/3022 2/3025 2/3027 2/3029 2/3031	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {the back-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the axis being located at the top of the back-rest} {about vertical axis} {by translation only} {along longitudinal axis} {along vertical axis} {along vertical axis} {by composed movement} {in a longitudinal-vertical plane} 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3018 2/302 2/3022 2/3025 2/3025 2/3027 2/3029 2/3031 2/3034	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {the back-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the back-rest being located at the top of the back-rest} {the axis being located at the top of the back-rest} {about vertical axis} {by translation only} {along longitudinal axis} {along vertical axis} {along transversal axis} {along indulnal-vertical plane} {in a longitudinal-transversal plane} 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3018 2/302 2/3022 2/3025 2/3027 2/3029 2/3031 2/3034 2/3036	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {but transversal being hinged on the cushion, e.g. "portefeuille movement"} {but transversal being hinged on the vehicle frame} {but transversal being hinged on the vehicle frame} {but transversal being located at the top of the back-rest} {but transversal axis} {but transversal axis} {along transversal axis} {but composed movement} {in a longitudinal-transversal plane} {in a transversal-vertical plane} 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3018 2/302 2/3022 2/3025 2/3027 2/3029 2/3031 2/3034 2/3036 2/3038	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {but transversal axis} {but transversal axis} {but transverse being hinged on the cushion, e.g. "portefeuille movement"} {but transverse being hinged on the vehicle frame} {but transverse being hinged on the vehicle frame} {but transverse being hinged on the vehicle frame} {but translation only {but translation only} {along transversal axis} {along vertical axis} {along vertical axis} {by composed movement} {in a longitudinal-transversal plane} {in a transversal-vertical plane} {cushion movements} 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3018 2/302 2/3022 2/3025 2/3027 2/3029 2/3031 2/3034 2/3036 2/3038 2/304	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {but transversal axis} {but transversal axis} {but transverse being hinged on the cushion, e.g. "portefeuille movement"} {but transverse being hinged on the vehicle frame} {but transverse being hinged on the vehicle fra	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3018 2/302 2/3022 2/3022 2/3025 2/3027 2/3029 2/3031 2/3034 2/3038 2/304 2/3043	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {bb ck-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the back-rest being located at the top of the back-rest} {the axis being located at the top of the back-rest} {about vertical axis} {by translation only} {along longitudinal axis} {along vertical axis} {by composed movement} {in a longitudinal-vertical plane} {in a transversal-vertical plane} {by rotation only} {by rotation only} {by rotation only} {about longitudinal axis} 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3018 2/302 2/3022 2/3025 2/3027 2/3029 2/3031 2/3034 2/3034 2/3038 2/304	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {about transversal axis} {bb ck-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the back-rest being located at the top of the back-rest} {the axis being located at the top of the back-rest} {about vertical axis} {by translation only} {along longitudinal axis} {along vertical axis} {by composed movement} {in a longitudinal-vertical plane} {in a transversal-vertical plane} {by rotation only} {by rotation only} {about transversal axis} {by composed movements} {by contation only} {by contation axis} {by contation axis} {by contation axis} {by contation axis} {by rotation axis} 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3018 2/302 2/3022 2/3022 2/3025 2/3027 2/3029 2/3031 2/3034 2/3038 2/304 2/3043	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {the back-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the back-rest being located at the top of the back-rest} {the axis being located at the top of the back-rest} {about vertical axis} {by translation only} {along longitudinal axis} {along vertical axis} {along vertical axis} {along vertical axis} {along vertical axis} {fin a longitudinal-vertical plane} {in a transversal-vertical plane} {in a transversal-vertical plane} {by rotation only} {about transversal axis} {by rotation only} {about longitudinal axis} {by rotation only} {about transversal axis} 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3018 2/302 2/3022 2/3025 2/3027 2/3029 2/3031 2/3034 2/3036 2/3038 2/3043 2/3045 2/3047	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {the back-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the back-rest being located at the top of the back-rest} {the axis being located at the top of the back-rest} {the axis being located at the top of the back-rest} {the axis being located at the top of the back-rest} {about vertical axis} {by translation only} {along longitudinal axis} {along vertical axis} {by composed movement} {in a longitudinal-vertical plane} {in a longitudinal-transversal plane} {in a transversal-vertical plane} {by rotation only} {about longitudinal axis} {by rotation only} {by rotation only} {by composed movements} {by cushion movements} {by rotation only} {by rotation being hinged at the back-rest} 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3018 2/302 2/3022 2/3025 2/3027 2/3029 2/3031 2/3034 2/3034 2/3038 2/304	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {the back-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the back-rest being located at the top of the back-rest} {the axis being located at the top of the back-rest} {about vertical axis} {by translation only} {along longitudinal axis} {along vertical axis} {along vertical axis} {along vertical axis} {fin a longitudinal-vertical plane} {in a transversal-vertical plane} {in a transversal-vertical plane} {by rotation only} {about transversal axis} {by rotation only} {about transversal axis} {by composed movement} {in a transversal-vertical plane} {in a transversal-vertical plane} {by rotation only} {by rotation only} {by composed movements} {by cushion movements} {by rotation only} {about transversal axis} {by rotation only} {about transversal axis} {by rotation only} {about transversal axis} {by rotation only} {by rotation only} {about transversal axis} {about transversal axis} {by rotation only} {by rotation only} {by rotation only} {about transversal axis} {by rotation only} {by rotation being hinged at the back-rest} {by rotation being hinged on the vehicle 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3018 2/302 2/3022 2/3025 2/3027 2/3029 2/3031 2/3034 2/3034 2/3043 2/3045 2/3047 2/305	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {bbck-rest being hinged on the cushion, e.g. "portefeuille movement"} {bbck-rest being hinged on the vehicle frame} {bbck-rest being located at the top of the back-rest} {bbck-rest} {bcck-rest} <l< td=""><td></td></l<>	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3018 2/302 2/3022 2/3025 2/3027 2/3029 2/3031 2/3034 2/3034 2/3038 2/3043 2/3043 2/3045 2/3047 2/3052	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {bbck-rest being hinged on the cushion, e.g. "portefeuille movement"} {the back-rest being hinged on the vehicle frame} {the back-rest being located at the top of the back-rest} {the axis being located at the top of the back-rest} {about vertical axis} {about vertical axis} {along longitudinal axis} {along vertical axis} {along tudinal-vertical plane} {along tudinal-transversal plane} {along tudinal axis} {about longitudinal axis} {about transversal axis} {about vertical axis} {about vertical axis} {about vertical axis} {about vertical axis} 	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3015 2/3022 2/3022 2/3025 2/3027 2/3029 2/3031 2/3034 2/3036 2/3038 2/3043 2/3045 2/3045 2/3047 2/3052 2/3052 2/3054	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {about transversal axis} {bbck-rest being hinged on the cushion, e.g. "portefeuille movement"} {bbck-rest being hinged on the vehicle frame} {bbck-rest being located at the top of the back-rest} {bbck-rest} {bcck-rest} {bcck-	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/302 2/3022 2/3025 2/3027 2/3029 2/3031 2/3034 2/3034 2/3036 2/3038 2/3043 2/3045 2/3045 2/3047 2/3055 2/3052 2/3054 2/3056	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {about transversal axis} {bbck-rest being hinged on the cushion, e.g. "portefeuille movement"} {bbck-rest being hinged on the vehicle frame} {bbck-rest being located at the top of the back-rest} {bbck-rest} {bcck-rest} {bcck-	
2/3004 2/3006 2/3009 2/3011 2/3013 2/3015 2/3015 2/3015 2/3022 2/3022 2/3025 2/3027 2/3029 2/3031 2/3034 2/3036 2/3038 2/3043 2/3045 2/3045 2/3047 2/3052 2/3052 2/3054	 {back-rest movements} {by rotation only} {about longitudinal axis} {about transversal axis} {about transversal axis} {about transversal axis} {bbck-rest being hinged on the cushion, e.g. "portefeuille movement"} {bbck-rest being hinged on the vehicle frame} {bbck-rest being located at the top of the back-rest} {bbck-rest} {bcck-rest} {bcck-	

2/3061		• • • {along vertical axis}
2/3063		• • {by composed movement}
2/3065		• • • {in a longitudinal-vertical plane}
2/3068		• • • {in a longitudinal-transversal plane}
2/307		• • • {in a transversal-vertical plane}
2/3072	• •	• {on a lower level of a multi-level vehicle floor}
2/3075		• {stowed in recess (<u>B60N 2/3079</u> takes
		precedence)}
2/3077	• •	• • {stowed in the luggage compartment}
2/3079		• • • {in a recess}
2/3081	••	• {Seats convertible into parts of the seat cushion or the back-rest or disapppearing therein, e.g.
2/2004		for children }
2/3084		{Disappearing in a recess of the back-rest}
2/3086		• {Disappearing in a recess of the cushion}
2/3088		• {characterised by the mechanical link}
2/309		• • {rods}
2/3093		• • {slides}
2/3095		• {Auxiliary rear seats accessible from outside the vehicle when in an in-use position}
2/3097	• •	• {Dismountable seats storable in a non-use
		position (<u>B60N 2/015</u> , <u>B60N 2/28</u> take
2/22		precedence)}
2/32		convertible for other use
2/34		• into a bed
2/345		• {by adding parts}
2/36	••	 into a loading platform {(<u>B60N 2/065</u> takes precedence)}
2002/363	• •	• • {characterised by provisions for enhancing
		the cargo floor surface, e.g. elements closing
		gaps or enlarging the back-rest surface}
2/366		• • {characterised by the locking device}
2/38	••	specially constructed for use on tractors or like off-road vehicles
2/39	• •	Seats tiltable to compensate for roll inclination
		of vehicles
2/40	• •	• saddle type
2/42	••	the seat constructed to protect the occupant from the effect of abnormal g-forces, e.g. crash or safety seats (for protecting children <u>B60N 2/26</u> ;
		arm-rests <u>B60N 2/75;</u> head-rests <u>B60N 2/888</u>)
2/4207		 {characterised by the direction of the g-forces}
2/4214		 {characterised by the uncertoin of the g-forces} {longitudinal}
2/4214		• • {due to impact coming from the front}
2/4221		 . {due to impact coming from the rear} . {due to impact coming from the rear}
2/4228		 . {transversal}
2/4233		• {vertical}
2/4242		• {fixed structures, i.e. where neither the seat nor
ムーマムマノ	•••	a part thereof are displaced during a crash}
2/4256		• {the shape of the seat being specially adapted
2, 1230	•••	for a particular purpose or for particular vehicles}
2/4263		• • {with anti-submarining systems}
2/4203 2/427		
2/427		 Seats or parts thereof displaced during a crash {involving residual deformation or fracture
		of the structure}
2/42718		• • • {with anti-submarining systems}
2/42727		• • {involving substantially rigid displacement}
2/42736		• • • {of the whole seat}
2/42745	••	• • • {of the back-rest ($\underline{B60N 2/433}$ takes
		precedence; higher part of the back-
		rest moving together with the headrest
		<u>B60N 2/888</u>)}

2/42754	• • • • {of the cushion}
2/42763	••••• {with anti-submarining systems}
2/42772	• • • {characterised by the triggering system}
2/42781	• • • • {mechanical triggering}
2/4279	• • • • {electric or electronic triggering}
2/43	• • • {Safety locks (for back-rests <u>B60N 2/433</u>)}
2/433	Safety locks for back-rests, e.g. with locking
	bars activated by inertia
2/50	Seat suspension devices
2/501	• • {actively controlled suspension, e.g. electronic
	control}
2/502	• • {attached to the base of the seat ($\underline{B60N 2/504}$
2/502	takes precedence)}
2/503	• (attached to the backrest ($\underline{B60N 2/504}$ takes
2/504	precedence)}. {attached to the base and the backrest}
2/505	 {Adjustable suspension including height
2/303	adjustment}
2/506	• {Seat guided by rods}
2/507	• • {Parallelogram-like structure}
2/508	 {Scissors-like structure}
2/509	. {Seat guided by slides or the like}
2/52	using fluid means
2/522	 {characterised by dampening means}
2/525	• • {using gas}
2/527	• • {using liquids}
2/54	• using mechanical springs
2/542	••• {made of rubber or other material having high
	internal friction, e.g. polymers}
2/544	• • {Compression or tension springs (<u>B60N 2/542</u>
	takes precedence)}
2/546	• • • {Leaf- or flexion springs}
2/548	• • • {Torsion springs, e.g. torsion helicoidal
	springs}
2/56	• Heating or ventilating devices
2/5607	• • {characterised by convection}
2/5614	• • • {by liquid}
2/5621	••• {by air}
2/5628	• • • • {coming from the vehicle ventilation system,
2/5/225	e.g. air-conditioning system}
2/5635	• • • {coming from the passenger compartment}
2/5642	• • • • {with circulation of air through a layer inside
2/565	the seat }
2/565 2/5657	{sucked from the seat surface}
2/5657 2/5664	 {blown towards the seat surface} {with unforced air circulation, i.e. not using a
2/3004	fan or the like}
2/5671	• • • {forming a windbreak, e.g. warm air blown
2/30/1	on the neck of the passenger of an open
	vehicle}
2/5678	• {characterised by electrical systems}
2/5685	• • {Resistance}
2/5692	{Refrigerating means}
2/58	• Seat coverings
2002/5808	• • {comprising opening zones for airbags}
2/5816	• • {attachments thereof}
2/5825	{by hooks, staples, clips, snap fasteners or the
	like}
2/5833	• • • {by hook-and-loop type fasteners}
2/5841	• • • {by clamping means}
2/585	• • • {by buckle passages}
2/5858	• • • {by elastic means}

2/5866	• • • {by thermal welding}	2/75	. Arm-rests
2/5875	••• {by adhesion, e.g. gluing}	2/753	 . {movable to an inoperativ
2/5883	• • {by sewing, stitching or threading}	2/757	• • {in a recess of the back
2/5891	• {characterised by the manufacturing process;	2/76	••• {in a recess of the cushing the cushin
	manufacturing seat coverings not otherwise	2/763	• • {adjustable}
	provided for}	2/767	• • • {Angle adjustment}
2/60	Removable protective coverings	2/77	• • • {Height adjustment}
2/6009	• • {covering more than only the seat}	2/773	• • • {Longitudinal adjustme
2/6018	• • • {attachments thereof}	2/777	{Transversal adjustment
2/6027	• • • {by hooks, staples, clips, snap fasteners or	2/78	• • {post or panel mounted}
2/502.5	the like }	2/783	• • • {sill suspended, e.g. with
2/6036	• • • {by hook and loop-type fasteners}	2/787	• • {detachable}
2/6045 2/6054	 {by clamping means} {by buckle passages} 	2/79	• • {Adaptations for addition
2/6063	{by elastic means}	2/793	• • { for use as storage com
2/6072	• • • {by thermal welding}	2/797	• • { for use as electrical co
2/6081	• • • {by adhesion, e.g. glueing}	2/80	switches} . Head-rests
2/609	• • • {by sewing, stitching or threading}	2/80 2/803	• Head-resis
2/62	• Thigh-rests {(<u>B60N 2/914</u> takes precedence)}	2/803	 movable or adjustable
2/62	Back-rests {or cushions (<u>B60N 2/2222</u> takes	2/800	• • • vertically slidable
_, ; ; ;	precedence)}	2/809	• • • • • characterised by their
2/643	• {shape of the back-rests (<u>B60N 2/66</u> takes	2/812	Release mechanism
	precedence)}	2/813	•••••• With stepwise positi
2/646	• • {shape of the cushion}	2/821	••••••••••••••••••••••••••••••••••••••
2/66	Lumbar supports	2/824	• • • • • • using springs
2/663	• • { portable with attachment to the back-rest }	2/826	using rubber-typ
2/665	• • • {using inflatable bladders}	2/829	characterised by their
2/666	• • • {vertically adjustable}		e.g. electric motors
2/667	• • • {having flexible support member bowed by	2/832	• • • • movable to an inoper
0/6671	applied forces}	2/835	••••• specially adapted f
2/6671 2/6673	• • • • { with cable actuators }	2/838	Tiltable
2/68	 {with motor driven adjustments}. Seat frames	2/841	• • • • characterised by their
2/682	• {Joining means}	2/844	Release mechanism
2002/684	 {the back rest being mounted or joined with an 	2/847	• • • • • with stepwise position
2002/004	easy attachment system to the seat}	2/85	•••• with continuous po
2/686	• • {Panel like structures}	2/853	characterised by their e.g. electric motors
2/688	• • {Particular seat belt attachment and guiding}	2/856	• • • • movable to an inoper
2/70	• Upholstery springs {; Upholstery}	2/859	specially adapted f
2/7005	• • {detachable}	2/862	with means for maint
2/7011	 {of substantially two-dimensional shape, e.g. hammock-like, plastic shells, fabrics} 	2,002	position when the sea parallelogram mecha
2/7017	• • {characterised by the manufacturing process;	2/865	• • • providing a fore-and-af
	manufacturing upholstery or upholstery springs		to the occupant's head
2/5022	not otherwise provided for}	2/868	• • • providing a lateral mov
2/7023	• • {Coach-like constructions}		occupant's shoulder line
2/7029 2/7035	 {back-rests} {Cushions} 	2/874	movable to an inoperati
2/7033	• • • {Fixation of covers and springs}	0.074	(<u>B60N 2/832</u> , <u>B60N 2/8</u>
2/7041	{Springs}	2/876	specially adapted for <u>B60N 2/859</u> take pre-
2/7052	••••• (Springs)	2/879	• • with additional features no
2/7058	rubber}	2/019	positioning, e.g. heating o loudspeakers
2/7064	{helicoidal}	2/882	• • detachable
2/707	• • • • • {with rubber blocks}	2/885	 provided with side-rests
2/7076	• • • • {with rubber blocks}	2/888	with arrangements for pro
2/7082	• • • • {with air or fluid cushions (<u>B60N 2/914</u> takes precedence)}		abnormal g-forces, e.g. by head-rest
2/7088	{with valves (<u>B60N 2/914</u> takes precedence)}	2/891	• • with the head-rest being c view
2/7094	• {Upholstery springs}	2/894	• • with rods solidly attached
2/72	Attachment or adjustment thereof	2/897	• • with sleeves located in the
	-		the rods of the head-rest

2/75	• Arm-rests
2/753	• {movable to an inoperative position}
2/757	• • { in a recess of the back-rest }
2/76	• • { in a recess of the cushion }
2/763	• • {adjustable}
2/767	• • {Angle adjustment}
2/77	• • • {Height adjustment}
2/773	• • • {Longitudinal adjustment}
2/777	• • • {Transversal adjustment}
2/78	• • {post or panel mounted}
2/783	• • { sill suspended, e.g. window sill }
2/787	• • {detachable}
2/79	• • {Adaptations for additional use of the arm-rests}
2/793	• • { for use as storage compartments }
2/797	• • • {for use as electrical control means, e.g.
	switches}
2/80	. Head-rests
2/803	fixed
2/806	• • movable or adjustable
2/809	• • • vertically slidable
2/812	characterised by their locking devices
2/815	Release mechanisms, e.g. buttons
2/818	• • • • with stepwise positioning
2/821	• • • • with continuous positioning
2/824	• • • • • using springs
2/826	••••• using rubber-type material
2/829	• • • characterised by their adjusting mechanisms,
	e.g. electric motors
2/832	movable to an inoperative or stowed position
2/835	• • • • specially adapted for rear seats
2/838	Tiltable
2/841	• • • characterised by their locking devices
2/844	Release mechanisms, e.g. buttons
2/847	• • • • with stepwise positioning
2/85	• • • • with continuous positioning
2/853	• • • • characterised by their adjusting mechanisms,
2/056	e.g. electric motors
2/856 2/859	 movable to an inoperative or stowed position specially adapted for rear seats
2/859	specially adapted for rear seats with means for maintaining a desired
2/802	position when the seat-back is adjusted, e.g.
	parallelogram mechanisms
2/865	• • • providing a fore-and-aft movement with respect
	to the occupant's head
2/868	• • • providing a lateral movement parallel to the
	occupant's shoulder line
2/874	movable to an inoperative or stowed position
	(<u>B60N 2/832</u> , <u>B60N 2/856</u> take precedence)
2/876	• • • specially adapted for rear seats (<u>B60N 2/835</u> ,
	B60N 2/859 take precedence)
2/879	• • with additional features not related to head-rest
	positioning, e.g. heating or cooling devices or
2/002	loudspeakers
2/882	• detachable
2/885	• provided with side-rests with arrangements for protecting against
2/888	• with arrangements for protecting against abnormal g-forces, e.g. by displacement of the
	head-rest
2/891	• with the head-rest being comma-shaped in side
201	view
2/894	• with rods solidly attached to the back-rest
2/897	 with rous solidly attached to the back rost with sleeves located in the back-rest for guiding
	the rods of the head-rest

2002/899	• • {characterised by structural or mechanical details
2/00	not otherwise provided for}
2/90 2002/905	 Details or parts not otherwise provided for the head-rest or seat used as an anchorage point,
2002/903	for an object not covered by groups in <u>B60N</u> , e.g. for a canvas}
2/91	• {Panels between front seats}
2/914	• {Hydro-pneumatic adjustments of the shape}
2/919	• • {Positioning and locking mechanisms
	(<u>B60N 2/16</u> , <u>B60N 2/18</u> , <u>B60N 2/22</u> , <u>B60N 2/225</u> take precedence)}
2002/924	• • • {using electric or hydraulic energy}
2/929	• • • {linear}
2/933	• • • {rotatable}
2/938	• • • { and provided with braking systems }
2/943	• • • • {Stepwise movement mechanisms, e.g. ratchets}
2002/948	• • • {the actuation of the positioning or locking
	mechanism for one seat part being dependent on the position of another seat part, e.g. the seats floor lock being unlocked when the back- rest is inclined or the backrest can be tilted only when the seat is in its rear position}
2002/952	• • • {characterised by details of the locking system}
2002/957	{the locking system prevents an abnormal or
	wrong mounting situation, i.e. deployment or functioning of a seat part being prevented if the seat or seat part is not properly mounted}
2002/962	•••• { the locking system disabling tilting of the back-rest to the vertical position, when the seat is not properly installed }
2002/967	• • • • {the locking system prevents tilt of whole seat by retaining and locking the seat in a vertical storage position}
2002/971	•••• { the locking system being an element distinct from articulation means, retaining the seat or seat part in its folded position, e.g. controlled by a wire }
2/976	• • {massaging systems}
2002/981	• • {Warning systems, e.g. the seat or seat parts
	vibrates to warn the passenger when facing a danger}
2/986	• {Side-rests (<u>B60N 2/2872</u> , <u>B60N 2/885</u> take precedence)}
2/99	• • • {adjustable}
2/995	• • {Lower-leg-rests, e.g. calf-rests}
3/00	Arrangements or adaptations of other passenger fittings, not otherwise provided for (of radio sets, television sets, telephones, {stowing or holding
	appliances}, safety belts or the like <u>B60R</u>)
3/001	• {of tables or trays}
3/002	• • {of trays}
3/004	• • {of foldable trays mounted on the back-rest}
3/005	• • {mounted on the steering wheel}
3/007	{mounted on the window sill}
3/008	• {of beds}
3/02	of hand grips or straps
3/023	• • {movable}
3/026	• • {characterised by the fixing means (<u>B60N 3/023</u>
	takes precedence)}
3/04	• of floor mats {or carpets}
3/042	• {of carpets (<u>B60N 3/046</u> , <u>B60N 3/048</u> take precedence)}

3/044	• • {of removable mats (<u>B60N 3/046, B60N 3/048</u>
	take precedence)}
3/046	• • {characterised by the fixing means}
3/048	• {characterised by their structure}
3/06	• of footrests
3/063	• • {with adjustment systems}
3/066	• • {with protection systems against abnormal g- forces}
3/08	• of receptacles for refuse, e.g. ash-trays
3/083	• • {Ash-trays}
3/086	• • • {with refuse evacuation means}
3/10	 of receptacles for food or beverages, e.g. refrigerated
3/101	. {fixed}
3/102	 {storable or foldable in a non-use position}
3/102	. {detachable}
3/104	 {with refrigerating or warming systems}
3/105	• {for receptables of different size or shape}
3/106	• • {with adjustable clamping mechanisms}
3/107	• • • {with different elements of fixed geometry}
3/108	• • • {with resilient holding elements}
3/12	• of receptacles for cigarettes or the like
3/14	• of electrically-heated lighters
3/16	• of cooking or boiling devices
3/18	 of drinking-water {or other beverage} dispensing devices
5/00	Arrangements or devices on vehicles for entrance or exit control of passengers, e.g. turnstiles
99/00	Subject matter not provided for in other groups of this subclass

Indexing scheme associated with groups B60N 2/00 - B60N 99/00 relating to general mechanical or structural details

2205/00	General mechanical or structural details
2205/20	. Measures for elimination or compensation of play or
	backlash
2205/30	• Seat or seat parts characterised by comprising plural
	parts or pieces
2205/35	• Seat, bench or back-rests being split laterally in
	two or more parts
2205/40	• Dual or redundant actuating means, e.g. backrest
	tilting can be actuated alternatively by a lever at the
	backrest or a lever in the luggage compartment
2205/50	Interlocking shaft arrangements transmitting
	movement between hinge mechanisms on both sides
	of a seat

Indexing scheme associated with groups B60N 2/00 - B60N 99/00, relating to aspects of seats specially adapted for vehicles or vehicle passenger accommodation not otherwise provided for

2210/00	Sensor types, e.g. for passenger detection systems or for controlling seats
2210/10	Field detection presence sensors
2210/12	Capacitive; Electric field
2210/14	. Inductive; Magnetic field
2210/16	Electromagnetic waves
2210/18	Infrared
2210/20	Radar
2210/22	Optical; Photoelectric; Lidar [Light Detection
	and Ranging]
2210/24	Cameras

Indexing scheme associated with groups B60N2/00 - B60N99/00, relating to aspects of seats specially adapted for...

2210/26	• • Ultrasonic, e.g. sonar
2210/30	. Temperature sensors
2210/40	Force or pressure sensors
2210/42	• • Strain gauges
2210/44	• • using fluids
2210/46	Electric switches
2210/48	Piezoelectric
2210/50	. Inertial sensors
222 0/00	
2220/00	Computerised treatment of data for controlling of
2220/00	computerised treatment of data for controlling of seats
2220/00	
	seats
2220/10	seats . using a database
2220/10 2220/20 2220/30	 seats using a database using a deterministic algorithm using a neural network
2220/10 2220/20	seatsusing a databaseusing a deterministic algorithm
2220/10 2220/20 2220/30	 seats using a database using a deterministic algorithm using a neural network
2220/10 2220/20 2220/30 2230/00	 seats using a database using a deterministic algorithm using a neural network Communication or electronic aspects
2220/10 2220/20 2220/30 2230/00 2230/10	 seats using a database using a deterministic algorithm using a neural network Communication or electronic aspects Wired data transmission