

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING (NOTES omitted)

TRANSPORTING

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 [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 [B60N 2210/00](#) - [B60N 2210/50](#), [B60N 2220/00](#) - [B60N 2220/30](#) and [B60N 2230/00](#) - [B60N 2230/30](#) with the exception of groups [B60N 2/0021](#) and [B60N 2/0035](#), where the allocation of the indexing codes is mandatory in accordance with their note}

2/00	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)	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}
2/002	. {Seats provided with an occupancy detection means mounted therein or thereon (detection means responsive to presence or absence of children B60N 2/266)}		NOTE
2/0021	. . {characterised by the type of sensor or measurement}		{In this group, it is mandatory to add the indexing codes of groups B60N 2220/00 - B60N 2220/30 and B60N 2230/00 - B60N 2230/30 }
	NOTE		
	{In this group, it is mandatory to add the indexing codes of groups B60N 2210/00 - B60N 2210/50 }	2/005	. Arrangement or mounting of seats in vehicles {, e.g. dismountable auxiliary seats} (B60N 2/02 takes precedence {; for railway vehicles B61D 1/04 })
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	. . . {for detection of driver fatigue}	2/01	. . Arrangement of seats relative to one another
2/0024	. . . {for identifying, categorising or investigation of the occupant or object on the seat}	2/012	. . . {The seat support being a part of the vehicle body or chassis}
2/0025	. . . . {by using weight measurement}	2/015	. . Attaching seats directly to vehicle chassis
2/0026	. . . . {for distinguishing between humans, animals or objects}	2/01508	. . . {using quick release attachments}
2/0027	. . . . {for detecting the position of the occupant or of occupant's body part}	2/01516	. . . . {with locking mechanisms}
2/0028	. . . . . {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	. . . . . {for detecting the motion of the occupant}	2/01533	. . . . . {using balls interlocking with notches}
2/003	. . . {characterised by the sensor mounting location in or on the seat}	2/01541	. . . . . {using moving hooks (B60N 2/01583 takes precedence)}
2/0031	. . . . {mounted on the frame}	2/0155	. . . . . {with the locking mechanism on the vehicle floor or rail}
2/0032	. . . . {mounted on springs}	2/01558	. . . . . {with key and slot}
2/0033	. . . . {mounted on or in the foam cushion}	2/01566	. . . . . {key rotating about a vertical axis}
2/0034	. . . . {in, under or on the seat cover}	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 B60N 2/75 ; adjustable head-rests B60N 2/806)	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}
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}	2/0279	. . . . {for detecting objects outside the vehicle, e.g. for user identification}
2002/0208	. . . {the seat or seat part turning about or moving along an inclined axis}	2/028	. . {Elastically mounted back-rests}
2002/0212	. . . {the seat or seat part turning about or moving along a longitudinal axis}	2/0284	. . {Adjustable seat-cushion length (B60N 2/0224 takes precedence)}
2002/0216	. . . {the seat or seat part turning about or moving along a transversal axis}	2002/0288	. . {Adjustable seat width}
2002/022	. . . {the seat or seat part turning about or moving along a vertical axis}	2/0292	. . {Multiple configuration seats, e.g. for spacious vehicles or mini-buses}
2/0224	. . {Non-manual adjustments, e.g. with electrical operation}	2/0296	. . {Central command actuator to selectively switch on or engage one of several special purpose circuits or mechanisms}
2/02246	. . . {Electric motors therefor}	2/04	. . the whole seat being movable
2/02253	. . . . {characterised by the transmission between the electric motor and the seat or seat parts}	2/045	. . . {Longitudinal adjustment by means of articulated rods supporting the seat, e.g. parallelogram mechanisms (B60N 2/38 takes precedence)}
2/02258	. . . . {characterised by the mounting of the electric motor for adjusting the seat}	2/06	. . . slidable (B60N 2/12 {, B60N 2/2209 } take precedence)
2/0226	. . . {User interfaces specially adapted for seat adjustment}	2/062	. . . . {transversally slidable}
2/0228	. . . . {Hand-activated mechanical switches (B60N 2/0229 takes precedence)}	2/065	. . . . {Rear seats}
2/0229	. . . . {characterised by the shape, e.g. switches having cushion or backrest shape}	2/067	. . . . {by linear actuators, e.g. linear screw mechanisms}
2/0231	. . . . {concealed interfaces, e.g. hidden below seat cover}	2/07	. . . . Slide construction
2/0233	. . . . {Touchscreens}	2/0702	. . . . . {characterised by its cross-section}
2/0235	. . . . {Joysticks}	2/0705	. . . . . {omega-shaped}
2/0237	. . . . {using portable terminals, e.g. smartphones}	2/0707	. . . . . {J-shaped}
2/0239	. . . . {using movement detection or gesture recognition}	2/071	. . . . . {T-shaped}
2/0241	. . . . {using augmented or virtual reality}	2/0712	. . . . . {H or double T-shaped}
2/0244	. . . {with logic circuits}	2/0715	. . . . . {C or U-shaped}
2/0248	. . . . {with memory of positions}	2/0717	. . . . . {Rounded, e.g. circular}
2/0252	. . . . {with relations between different adjustments, e.g. height of headrest following longitudinal position of seat}	2/072	. . . . . {Complex cross-section, e.g. obtained by extrusion}
2/0256	. . . . {Arrangements for facilitating the occupant to get in or out of the vehicle, e.g. stowing a seat forward}	2/0722	. . . . . {Constructive details}
2/026	. . . . {varying hardness or support of upholstery, e.g. for tuning seat comfort when driving curved roads}	2/0725	. . . . . {Closing members for covering the slide}
2/0264	. . . . {characterised by the type of electrical connection, e.g. wiring, plugs or USB}	2/0727	. . . . . {Stop members for limiting sliding movement}
2/0268	. . . . {using sensors or detectors for adapting the seat or seat part, e.g. to the position of an occupant}	2/073	. . . . . {Reinforcement members preventing slide dislocation}
2/0272	. . . . {using sensors or detectors for detecting the position of seat parts}	2/0732	. . . . . {Attachment of seat frame to the slide, e.g. eyelets}
2/0273	. . . . {taking into account user data, e.g. knee height or physical state}	2/0735	. . . . . {Position and orientation of the slide as a whole}
2/0274	. . . . {movement of the seat following a virtual reality simulation}	2/0737	. . . . . {the slide path being substantially in a direction different from the longitudinal}
2/0276	. . . . {reaction to emergency situations, e.g. crash}	2/074	. . . . . . {rotated about the transversal axis}
2/0277	. . . . {characterised by the calculation method or calculation flow chart of sensor data for adjusting the seat}	2/0742	. . . . . . {rotated about the vertical axis}
		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}
		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}	2/1835	. . . . .	{pivoting about an axis located in the front}
2/0825	. . . . .	{outside the rail}	2/1839	. . . . .	{pivoting about an axis located in an intermediate position}
2/0831	. . . . .	{Movement of the latch}	2/1842	. . . . .	{pivoting about an axis located in the rear}
2/0837	. . . . .	{pivoting}	2/1846	. . . . .	{pivoting about a distant axis, e.g. virtual}
2/0843	. . . . .	{about a longitudinal axis}	2/185	. . . . .	{characterised by the drive mechanism}
2/085	. . . . .	{about a transversal axis}	2/1853	. . . . .	{Linear actuator, e.g. screw mechanism}
2/0856	. . . . .	{about a vertical axis}	2/1857	. . . . .	{Eccentric mechanism}
2/0862	. . . . .	{sliding}	2/186	. . . . .	{with a transversal pin displaced by a moving slot or a cam along a predetermined path}
2/0868	. . . . .	{in a transversal direction}	2/1864	. . . . .	{Gear wheel driven mechanism}
2/0875	. . . . .	{in a vertical direction}	2/1867	. . . . .	{Cycloidal or planetary mechanism}
2/0881	. . . . .	{Activation of the latches by the control mechanism}	2/1871	. . . . .	{Worm and worm gear articulations}
2/0887	. . . . .	{with synchronised movements}	2/1875	. . . . .	{Racks}
2/0893	. . . . .	{allowing independent movement of the latches, e.g. to recover tolerance errors}	2/1878	. . . . .	{Hydraulic or pneumatic actuation}
2/10	. . .	tiltable (B60N 2/12 {, B60N 2/2875 } take precedence)	2/1882	. . . . .	{Ratchet mechanism}
2/12	. . .	slidable and tiltable	2/1885	. . . . .	{with weight compensating means}
2/123	. . . .	{and provided with memory locks}	2/1889	. . . . .	{and provided with braking systems}
2002/126	. . . .	{the backrest being maintained in its tilted position until the seat has slid to its memorised position}	2/1892	. . . . .	{characterised by a lock}
2/14	. . .	rotatable, e.g. to permit easy access (B60N 2/10 {, B60N 2/2869 } take precedence)	2/1896	. . . . .	{Stepwise movement mechanisms, e.g. ratchets (B60N 2/1882 takes precedence)}
2/143	. . . .	{taking a position opposite to the original one}	2/20	. .	the back-rest being tiltable, e.g. to permit easy access (B60N 2/04 , B60N 2/22 {, B60N 2/3002 } take precedence)
2/146	. . . .	{characterised by the locking device}	2/203	. . .	{taking a position opposite to the original one}
2/16	. . .	height-adjustable	2/206	. . .	{to a position in which it can be used as a support for objects, e.g. as a tray}
2/1605	. . . .	{characterised by the cinematic}	2/22	. .	the back-rest being adjustable {(B60N 2/2878 takes precedence)}
2/161	. . . . .	{Rods}	2002/2204	. . .	{Adjustable back-rest height or length}
2/1615	. . . . .	{Parallelogram-like structure}	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}
2/162	. . . . .	{Scissors-like structure}	2/2213	. . .	{Gear wheel driven mechanism (B60N 2/2231 , B60N 2/225 take precedence)}
2/1625	. . . . .	{Combination of rods and slides}	2/2218	. . .	{Transversally moving locks}
2/163	. . . . .	{Slides only}	2/2222	. . .	{the back-rest having two or more parts}
2/1635	. . . .	{characterised by the drive mechanism}	2/2227	. . .	{and provided with braking systems}
2/164	. . . . .	{Linear actuator, e.g. screw mechanism}	2/2231	. . .	{Worm and worm gear articulations}
2/1645	. . . . .	{Eccentric mechanism}	2/2236	. . .	{with a transversal pin displaced by a slot or a cam along a predetermined path}
2/165	. . . . .	{Gear wheel driven mechanism}	2/224	. . .	{Stepwise movement mechanisms, e.g. ratchets}
2/1655	. . . . .	{Cycloidal or planetary mechanism}	2/2245	. . .	{provided with a lock mechanism on the upper part of the back-rest}
2/166	. . . . .	{Worm and worm gear articulations}	2/225	. . .	by cycloidal or planetary mechanisms
2/1665	. . . . .	{Hydraulic or pneumatic actuation}	2/2251	. . . .	{with gears having orbital motion, e.g. sun and planet gears}
2/167	. . . . .	{Ratchet mechanism}	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}
2/1675	. . . .	{with weight compensating means}	2/2254	. . . .	{provided with braking systems}
2/168	. . . .	{and provided with braking systems}	2/2255	. . . .	{with coiled springs}
2/1685	. . . .	{characterised by a lock}	2/2257	. . . .	{with rollers or balls}
2/169	. . . .	{Stepwise movement mechanisms, e.g. ratchets (B60N 2/167 takes precedence)}	2/2258	. . . .	{with ratchets}
2/1695	. . . .	{with simultaneous height and inclination adjustment}	2/23	. . .	by {linear actuators, e.g.} linear screw mechanisms
2/18	. . . .	the front or the rear portion of the seat being adjustable, e.g. independently of each other	2/231	. . . .	{by hydraulic actuators}
2/1803	. . . . .	{with independent front and/or rear adjustment}			
2/1807	. . . . .	{characterised by the cinematic}			
2/181	. . . . .	{Rods}			
2/1814	. . . . .	{Parallelogram-like structure}			
2/1817	. . . . .	{Scissors-like structure}			
2/1821	. . . . .	{Combination of Rods and slides}			
2/1825	. . . . .	{including a curved slide}			
2/1828	. . . . .	{Slides only}			
2/1832	. . . . .	{including a curved slide}			

2/232	. . . . {provided with memory locks}	2/2842	. . . . {adapted to carry the child, when dismounted from the vehicle}
2/233	. . . . {by linear screw mechanisms}	2/2845	. . . . {having handles}
2/235	. . . by gear-pawl type mechanisms	2/2848	. . . . {being convertible or adaptable to a preambulator, e.g. a baby-carriage or a push-chair}
2/2352	. . . . {with external pawls}	2/2851	. . . . {provided with head-rests}
2/2354	. . . . {and provided with memory locks}	2/2854	. . . . {Children's cots; Hammocks}
2/2356	. . . . {with internal pawls}	2/2857	. . . . {characterised by the peculiar orientation of the child (B60N 2/2869 takes precedence)}
2/2358	. . . . {and provided with memory locks}	2/286	. . . . {forward facing (B60N 2/2866 takes precedence)}
2/236	. . . . {linearly movable}	2/2863	. . . . {backward facing}
2/2362	. . . . {rotatably movable}	2/2866	. . . . {booster cushions, e.g. to lift a child to allow proper use of the conventional safety belts}
2/24	. for particular purposes or particular vehicles	2/2869	. . . . {rotatable about a vertical axis}
2/242	. . {Bus seats}	2/2872	. . . . {provided with side rests}
2/245	. . {for handicapped persons}	2/2875	. . . . {inclinable, as a whole or partially}
2002/247	. . {to support passengers in a half-standing position}	2/2878	. . . . {the back-rest being inclinable}
2/26	. . for children (B60N 2/30 takes precedence)	2/2881	. . . . {Upholstery, padded or cushioned members therefor}
2/265	. . . {Adaptations for seat belts}	2/2884	. . . . {with protection systems against abnormal g-forces}
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 thereof}	2/2887	. . . . {Fixation to a transversal anchorage bar, e.g. isofix}
2/267	. . . . {alerting means responsive to presence or absence of children}	2/289	. . . . {coupled to the vehicle frame}
2/268	. . . . {detecting or alerting means responsive to the installation of the child seats in the vehicle}	2/2893	. . . . {coupled to the seat sub-frame}
2/269	. . . . {detecting or alerting means responsive to the Isofix locking on the child seat or vehicle}	2002/2896	. . . . {the child seat being foldable, e.g. to facilitate transport}
2/271	. . . . {detecting or alerting means responsive to securing the child in the seat}	2/30	. . Non-dismountable {or dismountable} seats storable in a non-use position, e.g. foldable spare seats
2/272	. . . . {Buckle lock sensors for child seat safety belts}	2/3002	. . . {back-rest movements}
2/273	. . . {with detection or alerting means responsive to crashes}	2/3004	. . . . {by rotation only}
2/274	. . . {characterised by the communication means between the child seat and another entity, e.g. vehicle or portable device}	2/3006	. . . . {about longitudinal axis}
2/28	. . . Seats readily mountable on, and dismountable from, existing seats {or other parts} of the vehicle	2/3009	. . . . {about transversal axis}
2/2803	. . . . {Adaptations for seat belts}	2/3011	. . . . {the back-rest being hinged on the cushion, e.g. "portefeuille movement"}
2/2806	. . . . {for securing the child seat to the vehicle}	2/3013	. . . . {the back-rest being hinged on the vehicle frame}
2/2809	. . . . {with additional tether connected to the top of the child seat and passing above the top of the back-rest}	2/3015	. . . . {the axis being located at the top of the back-rest}
2/2812	. . . . {for securing the child to the child seat}	2/3018	. . . . {about vertical axis}
2/2816	. . . . {with additional belt accessories, e.g. belt tension detectors}	2/302	. . . . {by translation only}
2/2818	. . . . {characterised by guiding means for children belts}	2/3022	. . . . {along longitudinal axis}
2/2821	. . . . {having a seat and a base part}	2/3025	. . . . {along transversal axis}
2/2824	. . . . {part of the base being supported by the vehicle frame (B60N 2/289 takes precedence)}	2/3027	. . . . {along vertical axis}
2/2827	. . . . {part of the base being supported by the seat sub-frame (B60N 2/2893 takes precedence)}	2/3029	. . . . {by composed movement}
2/283	. . . . {suspended}	2/3031	. . . . {in a longitudinal-vertical plane}
2/2833	. . . . {back-rest suspended}	2/3034	. . . . {in a longitudinal-transversal plane}
2/2836	. . . . {window-frame suspended}	2/3036	. . . . {in a transversal-vertical plane}
2/2839	. . . . {having a front guard or barrier}	2/3038	. . . {Cushion movements}
		2/304	. . . . {by rotation only}
		2/3043	. . . . {about longitudinal axis}
		2/3045	. . . . {about transversal axis}
		2/3047	. . . . {the cushion being hinged at the back-rest}
		2/305	. . . . {the cushion being hinged on the vehicle frame}
		2/3052	. . . . {about vertical axis}
		2/3054	. . . . {by translation only}
		2/3056	. . . . {along longitudinal axis}
		2/3059	. . . . {along transversal axis}

2/3061	. . . . . {along vertical axis}	2/42754	. . . . . {of the cushion}
2/3063	. . . . . {by composed movement}	2/42763	. . . . . {with anti-submarining systems}
2/3065	. . . . . {in a longitudinal-vertical plane}	2/42772	. . . . . {characterised by the triggering system}
2/3068	. . . . . {in a longitudinal-transversal plane}	2/42781	. . . . . {mechanical triggering}
2/307	. . . . . {in a transversal-vertical plane}	2/4279	. . . . . {electric or electronic triggering}
2/3072	. . . {on a lower level of a multi-level vehicle floor}	2/43	. . . {Safety locks (for back-rests B60N 2/433)}
2/3075	. . . . . {stowed in recess (B60N 2/3079 takes precedence)}	2/433	. . . Safety locks for back-rests, e.g. with locking bars activated by inertia
2/3077	. . . . . {stowed in the luggage compartment}	2/50	. Seat suspension devices
2/3079	. . . . . {in a recess}	2/501	. . {actively controlled suspension, e.g. electronic control}
2/3081	. . . {Seats convertible into parts of the seat cushion or the back-rest or disappearing therein, e.g. for children}	2/502	. . {attached to the base of the seat (B60N 2/504 takes precedence)}
2/3084	. . . . . {Disappearing in a recess of the back-rest}	2/503	. . {attached to the backrest (B60N 2/504 takes precedence)}
2/3086	. . . . . {Disappearing in a recess of the cushion}	2/504	. . {attached to the base and the backrest}
2/3088	. . . {characterised by the mechanical link}	2/505	. . {Adjustable suspension including height adjustment}
2/309	. . . . . {rods}	2/506	. . {Seat guided by rods}
2/3093	. . . . . {slides}	2/507	. . . {Parallelogram-like structure}
2/3095	. . . {Auxiliary rear seats accessible from outside the vehicle when in an in-use position}	2/508	. . . {Scissors-like structure}
2/3097	. . . {Dismountable seats storable in a non-use position (B60N 2/015 , B60N 2/28 take precedence)}	2/509	. . {Seat guided by slides or the like}
2/32	. . convertible for other use	2/52	. . using fluid means
2/34	. . . into a bed	2/522	. . . {characterised by dampening means}
2/345	. . . . . {by adding parts}	2/525	. . . {using gas}
2/36	. . . into a loading platform (B60N 2/065 takes precedence)}	2/527	. . . {using liquids}
2002/363	. . . . . {characterised by provisions for enhancing the cargo floor surface, e.g. elements closing gaps or enlarging the back-rest surface}	2/54	. . using mechanical springs
2/366	. . . . . {characterised by the locking device}	2/542	. . . {made of rubber or other material having high internal friction, e.g. polymers}
2/38	. . specially constructed for use on tractors or like off-road vehicles	2/544	. . . {Compression or tension springs (B60N 2/542 takes precedence)}
2/39	. . . Seats tiltable to compensate for roll inclination of vehicles	2/546	. . . {Leaf- or flexion springs}
2/40	. . . saddle type	2/548	. . . {Torsion springs, e.g. torsion helicoidal springs}
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 B60N 2/26 ; arm-rests B60N 2/75 ; head-rests B60N 2/888)	2/56	. Heating or ventilating devices
2/4207	. . . {characterised by the direction of the g-forces}	2/5607	. . {characterised by convection}
2/4214	. . . . . {longitudinal}	2/5614	. . . {by liquid}
2/4221	. . . . . {due to impact coming from the front}	2/5621	. . . {by air}
2/4228	. . . . . {due to impact coming from the rear}	2/5628	. . . . . {coming from the vehicle ventilation system, e.g. air-conditioning system}
2/4235	. . . . . {transversal}	2/5635	. . . . . {coming from the passenger compartment}
2/4242	. . . . . {vertical}	2/5642	. . . . . {with circulation of air through a layer inside the seat}
2/4249	. . . {fixed structures, i.e. where neither the seat nor a part thereof are displaced during a crash}	2/565	. . . . . {sucked from the seat surface}
2/4256	. . . . . {the shape of the seat being specially adapted for a particular purpose or for particular vehicles}	2/5657	. . . . . {blown towards the seat surface}
2/4263	. . . . . {with anti-submarining systems}	2/5664	. . . . . {with unforced air circulation, i.e. not using a fan or the like}
2/427	. . . Seats or parts thereof displaced during a crash	2/5671	. . . . . {forming a windbreak, e.g. warm air blown on the neck of the passenger of an open vehicle}
2/42709	. . . . . {involving residual deformation or fracture of the structure}	2/5678	. . {characterised by electrical systems}
2/42718	. . . . . {with anti-submarining systems}	2/5685	. . . {Resistance}
2/42727	. . . . . {involving substantially rigid displacement}	2/5692	. . . {Refrigerating means}
2/42736	. . . . . {of the whole seat}	2/58	. Seat coverings
2/42745	. . . . . {of the back-rest (B60N 2/433 takes precedence; higher part of the back-rest moving together with the headrest B60N 2/888)}	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 inoperative position}
2/5883	. . . {by sewing, stitching or threading}	2/757	. . . {in a recess of the back-rest}
2/5891	. . {characterised by the manufacturing process; manufacturing seat coverings not otherwise provided for}	2/76	. . . {in a recess of the cushion}
2/60	. . Removable protective coverings	2/763	. . {adjustable}
2/6009	. . . {covering more than only the seat}	2/767	. . . {Angle adjustment}
2/6018	. . . {attachments thereof}	2/77	. . . {Height adjustment}
2/6027	. . . . {by hooks, staples, clips, snap fasteners or the like}	2/773	. . . {Longitudinal adjustment}
2/6036	. . . . {by hook and loop-type fasteners}	2/777	. . . {Transversal adjustment}
2/6045	. . . . {by clamping means}	2/78	. . {post or panel mounted}
2/6054	. . . . {by buckle passages}	2/783	. . . {sill suspended, e.g. window sill}
2/6063	. . . . {by elastic means}	2/787	. . {detachable}
2/6072	. . . . {by thermal welding}	2/79	. . {Adaptations for additional use of the arm-rests}
2/6081	. . . . {by adhesion, e.g. glueing}	2/793	. . . {for use as storage compartments}
2/609	. . . . {by sewing, stitching or threading}	2/797	. . . {for use as electrical control means, e.g. switches}
2/62	. Thigh-rests {(B60N 2/914 takes precedence)}	2/80	. Head-rests
2/64	. Back-rests {or cushions (B60N 2/222 takes precedence)}	2/803	. . fixed
2/643	. . {shape of the back-rests (B60N 2/66 takes precedence)}	2/806	. . movable or adjustable
2/646	. . {shape of the cushion}	2/809	. . . vertically slidable
2/66	. . Lumbar supports	2/812	. . . . characterised by their locking devices
2/663	. . . {portable with attachment to the back-rest}	2/815	. . . . . Release mechanisms, e.g. buttons
2/665	. . . {using inflatable bladders}	2/818	. . . . . with stepwise positioning
2/666	. . . {vertically adjustable}	2/821	. . . . . with continuous positioning
2/667	. . . {having flexible support member bowed by applied forces}	2/824	. . . . . using springs
2/6671	. . . . {with cable actuators}	2/826	. . . . . using rubber-type material
2/6673	. . . . {with motor driven adjustments}	2/829	. . . . . characterised by their adjusting mechanisms, e.g. electric motors
2/68	. Seat frames	2/832	. . . . . movable to an inoperative or stowed position
2/682	. . {Joining means}	2/835	. . . . . specially adapted for rear seats
2002/684	. . . {the back rest being mounted or joined with an easy attachment system to the seat}	2/838	. . . Tiltable
2/686	. . {Panel like structures}	2/841	. . . . characterised by their locking devices
2/688	. . {Particular seat belt attachment and guiding}	2/844	. . . . . Release mechanisms, e.g. buttons
2/70	. Upholstery springs {; Upholstery}	2/847	. . . . . with stepwise positioning
2/7005	. . {detachable}	2/85	. . . . . with continuous positioning
2/7011	. . {of substantially two-dimensional shape, e.g. hammock-like, plastic shells, fabrics}	2/853	. . . . . characterised by their adjusting mechanisms, e.g. electric motors
2/7017	. . {characterised by the manufacturing process; manufacturing upholstery or upholstery springs not otherwise provided for}	2/856	. . . . . movable to an inoperative or stowed position
2/7023	. . {Coach-like constructions}	2/859	. . . . . specially adapted for rear seats
2/7029	. . . {back-rests}	2/862	. . . . . with means for maintaining a desired position when the seat-back is adjusted, e.g. parallelogram mechanisms
2/7035	. . . {Cushions}	2/865	. . . providing a fore-and-aft movement with respect to the occupant's head
2/7041	. . . . {Fixation of covers and springs}	2/868	. . . providing a lateral movement parallel to the occupant's shoulder line
2/7047	. . . . {Springs}	2/874	. . . movable to an inoperative or stowed position (B60N 2/832, B60N 2/856 take precedence)
2/7052	. . . . . {Springs using a combination of metal and rubber}	2/876	. . . . specially adapted for rear seats (B60N 2/835, B60N 2/859 take precedence)
2/7058	. . . . . {Metallic springs}	2/879	. . with additional features not related to head-rest positioning, e.g. heating or cooling devices or loudspeakers
2/7064	. . . . . {helicoidal}	2/882	. . detachable
2/707	. . . . . {with rubber blocks}	2/885	. . provided with side-rests
2/7076	. . . . . {with rubber bands}	2/888	. . with arrangements for protecting against abnormal g-forces, e.g. by displacement of the head-rest
2/7082	. . . . . {with air or fluid cushions (B60N 2/914 takes precedence)}	2/891	. . with the head-rest being comma-shaped in side view
2/7088	. . . . . {with valves (B60N 2/914 takes precedence)}	2/894	. . with rods solidly attached to the back-rest
2/7094	. . {Upholstery springs}	2/897	. . with sleeves located in the back-rest for guiding the rods of the head-rest
2/72	. . Attachment or adjustment thereof		

B60N

[illegible]

- 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

2220/00 Computerised treatment of data for controlling of seats

- 2220/10 . using a database
- 2220/20 . using a deterministic algorithm
- 2220/30 . using a neural network

2230/00 Communication or electronic aspects

- 2230/10 . Wired data transmission
- 2230/20 . Wireless data transmission
- 2230/30 . Signal processing of sensor data