

# 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 Explanatory 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

##### 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.

<b>2/00</b>	<b>Seats specially adapted for vehicles</b> (for facilitating access of invalids to, or exit of invalids from, vehicles <a href="#">A61G 3/02</a> ; railway seats <a href="#">B61D 33/00</a> ; cycle seats <a href="#">B62J 1/00</a> ; aircraft seats <a href="#">B64D 11/06</a> , <a href="#">B64D 25/04</a> , <a href="#">B64D 25/10</a> )	<b>2002/0204</b>	. . {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}
<b>2/002</b>	. {Passenger detection systems (weighing apparatus, e.g. for airbag systems <a href="#">G01G 19/4142</a> )}	<b>2002/0208</b>	. . . {the seat or seat part turning about or moving along an inclined axis}
<b>2/005</b>	. Arrangement or mounting of seats in vehicles {, e.g. dismountable auxiliary seats} ( <a href="#">B60N 2/02</a> takes precedence {; for railway vehicles <a href="#">B61D 1/04</a> })	<b>2002/0212</b>	. . . {the seat or seat part turning about or moving along a longitudinal axis}
<b>2002/0055</b>	. . {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}	<b>2002/0216</b>	. . . {the seat or seat part turning about or moving along a transversal axis}
<b>2/01</b>	. . Arrangement of seats relative to one another	<b>2002/022</b>	. . . {the seat or seat part turning about or moving along a vertical axis}
<b>2/012</b>	. . . {The seat support being a part of the vehicle body or chassis}	<b>2/0224</b>	. . {Non-manual adjustment, e.g. with electrical operation}
<b>2/015</b>	. . Attaching seats directly to vehicle chassis	<b>2/0228</b>	. . . {Hand-activated switches}
<b>2/01508</b>	. . . {using quick release attachments}	<b>2/0232</b>	. . . {electric motors}
<b>2/01516</b>	. . . . {with locking mechanisms}	<b>2002/0236</b>	. . . . {characterised by details of the transmission between the electric motor and the seat or seat parts}
<b>2/01525</b>	. . . . . {with locking elements expanding inside or under the vehicle floor or rail}	<b>2002/024</b>	. . . . {characterised by details of the mounting of the electric motor}
<b>2/01533</b>	. . . . . {using balls interlocking with notches (interlocking balls in general <a href="#">E05B 63/121</a> )}	<b>2/0244</b>	. . . . {with logic circuits}
<b>2/01541</b>	. . . . . {using moving hooks ( <a href="#">B60N 2/01583</a> takes precedence)}	<b>2/0248</b>	. . . . {with memory of positions}
<b>2/0155</b>	. . . . . {with the locking mechanism on the vehicle floor or rail}	<b>2/0252</b>	. . . . {with relations between different adjustments, e.g. height of headrest following longitudinal position of seat}
<b>2/01558</b>	. . . . . {with key and slot}	<b>2002/0256</b>	. . . . {Arrangements helping the passenger to get in or out}
<b>2/01566</b>	. . . . . {key rotating about a vertical axis}	<b>2002/026</b>	. . . . {varying hardness or support of upholstery, e.g. when driving curved roads}
<b>2/01575</b>	. . . . . {key sliding inside the vehicle floor or rail}	<b>2002/0264</b>	. . . . {characterised by the type of electrical connection, e.g. wiring, plugs or USB}
<b>2/01583</b>	. . . . . {locking on transversal elements on the vehicle floor or rail, e.g. transversal rods}	<b>2002/0268</b>	. . . . {using sensors or detectors for adapting the seat or seat part, e.g. to the position of a passenger}
<b>2/01591</b>	. . . . {with wheels coupled to the seat}	<b>2002/0272</b>	. . . . {using sensors or detectors for detecting the position of seat parts}
<b>2/02</b>	. the seat or part thereof being movable, e.g. adjustable (adjustable arm-rests <a href="#">B60N 2/75</a> ; adjustable head-rests <a href="#">B60N 2/806</a> )	<b>2/0276</b>	. . . . {reaction to emergency situations, e.g. crash}

2/028	. . {Elastically mounted back-rests}	2/0856	. . . . . {about a vertical axis}
2/0284	. . {Adjustable seat-cushion length ( <a href="#">B60N 2/0224 takes precedence</a> )}	2/0862	. . . . . {sliding}
2002/0288	. . {Adjustable seat width}	2/0868	. . . . . {in a transversal direction}
2/0292	. . {Multiple configuration seats, e.g. for spacious vehicles or mini-buses}	2/0875	. . . . . {in a vertical direction}
2/0296	. . {Central command actuator to selectively switch on or engage one of several special purpose circuits or mechanisms}	2/0881	. . . . . {Activation of the latches by the control mechanism}
2/04	. . the whole seat being movable	2/0887	. . . . . {with synchronised movements}
2/045	. . . {Longitudinal adjustment by means of articulated rods supporting the seat, e.g. parallelogram mechanisms ( <a href="#">B60N 2/38 takes precedence</a> )}	2/0893	. . . . . {allowing independent movement of the latches, e.g. to recover tolerance errors}
2/06	. . . slidable ( <a href="#">B60N 2/12</a> { <a href="#">B60N 2/2209</a> takes precedence})	2/10	. . . tiltable {( <a href="#">B60N 2/2875 takes precedence</a> )}
2/062	. . . . {transversally slidable}	2/12	. . . slidable and tiltable
2/065	. . . . {Rear seats}	2/123	. . . . {and provided with memory locks}
2/067	. . . . {by linear actuators, e.g. linear screw mechanisms}	2002/126	. . . . {the backrest being maintained in its tilted position until the seat has slid to its memorised position}
2/07	. . . . Slide construction	2/14	. . . rotatable, e.g. to permit easy access {( <a href="#">B60N 2/2869 takes precedence</a> )}
2/0702	. . . . . {characterised by its cross-section}	2/143	. . . . {taking a position opposite to the original one}
2/0705	. . . . . {omega-shaped}	2/146	. . . . {characterised by the locking device}
2/0707	. . . . . {J-shaped}	2/16	. . . height-adjustable
2/071	. . . . . {T-shaped}	2/1605	. . . . {characterised by the cinematic}
2/0712	. . . . . {H or double T-shaped}	2/161	. . . . . {Rods}
2/0715	. . . . . {C or U-shaped}	2/1615	. . . . . {Parallelogram-like structure}
2/0717	. . . . . {Rounded, e.g. circular}	2/162	. . . . . {Scissors-like structure}
2/072	. . . . . {Complex cross-section, e.g. obtained by extrusion}	2/1625	. . . . . {Combination of rods and slides}
2/0722	. . . . . {Constructive details}	2/163	. . . . . {Slides only}
2/0725	. . . . . {Closing members for covering the slide}	2/1635	. . . . . {characterised by the drive mechanism}
2/0727	. . . . . {Stop members for limiting sliding movement}	2/164	. . . . . {Linear actuator, e.g. screw mechanism}
2/073	. . . . . {Reinforcement members preventing slide dislocation}	2/1645	. . . . . {Eccentric mechanism}
2/0732	. . . . . {Attachment of seat frame to the slide, e.g. eyelets}	2/165	. . . . . {Gear wheel driven mechanism}
2/0735	. . . . . {Position and orientation of the slide as a whole}	2/1655	. . . . . {Cycloidal or planetary mechanism}
2/0737	. . . . . {the slide path being substantially in a direction different from the longitudinal}	2/166	. . . . . {Worm and worm gear articulations}
2/074	. . . . . . {rotated about the transversal axis}	2/1665	. . . . . {Hydraulic or pneumatic actuation}
2/0742	. . . . . . {rotated about the vertical axis}	2/167	. . . . . {Ratchet mechanism}
2/0745	. . . . . {the slide path being curved}	2/1675	. . . . {with weight compensating means}
2/0747	. . . . . {the opening of the cross section being oriented in a direction different from the vertical, e.g. transversal}	2/168	. . . . {and provided with braking systems}
2/075	. . . . . roller-less	2/1685	. . . . {characterised by a lock}
2/08	. . . . characterised by the locking device	2/169	. . . . {Stepwise movement mechanisms, e.g. ratchets ( <a href="#">B60N 2/167 takes precedence; ratchets in general G05G 7/06</a> )}
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}	2/1695	. . . . {with simultaneous height and inclination adjustment}
2/0812	. . . . . {Location of the latch}	2/18	. . . . the front or the rear portion of the seat being adjustable, e.g. independently of each other
2/0818	. . . . . {inside the rail}	2/1803	. . . . . {with independent front and/or rear adjustment}
2/0825	. . . . . {outside the rail}	2/1807	. . . . . {characterised by the cinematic}
2/0831	. . . . . {Movement of the latch}	2/181	. . . . . {Rods}
2/0837	. . . . . {pivoting}	2/1814	. . . . . {Parallelogram-like structure}
2/0843	. . . . . . {about a longitudinal axis}	2/1817	. . . . . {Scissors-like structure}
2/085	. . . . . . {about a transversal axis}	2/1821	. . . . . {Combination of Rods and slides}
		2/1825	. . . . . {including a curved slide}
		2/1828	. . . . . {Slides only}
		2/1832	. . . . . {including a curved slide}
		2/1835	. . . . . {pivoting about an axis located in the front}
		2/1839	. . . . . {pivoting about an axis located in an intermediate position}
		2/1842	. . . . . {pivoting about an axis located in the rear}
		2/1846	. . . . . {pivoting about a distant axis, e.g. virtual}

2/185	. . . . . {characterised by the drive mechanism}	2/2354	. . . . . {and provided with memory locks}
2/1853	. . . . . {Linear actuator, e.g. screw mechanism}	2/2356	. . . . . {with internal pawls}
2/1857	. . . . . {Eccentric mechanism}	2/2358	. . . . . {and provided with memory locks}
2/186	. . . . . {with a transversal pin displaced by a moving slot or a cam along a predetermined path}	2/236	. . . . . {linearly movable}
2/1864	. . . . . {Gear wheel driven mechanism}	2/2362	. . . . . {rotatably movable}
2/1867	. . . . . {Cycloidal or planetary mechanism}	2/24	. for particular purposes or particular vehicles
2/1871	. . . . . {Worm and worm gear articulations}	2/242	. . {Bus seats}
2/1875	. . . . . {Racks}	2/245	. . {for handicapped persons ( <a href="#">facilitating access or loading of wheelchairs in ambulances A61G 3/00</a> )}
2/1878	. . . . . {Hydraulic or pneumatic actuation}	2002/247	. . {to support passengers in a half-standing position}
2/1882	. . . . . {Ratchet mechanism}	2/26	. . for children ( <a href="#">B60N 2/30 takes precedence</a> )
2/1885	. . . . . {with weight compensating means}	2/265	. . . {Adaptations for seat belts}
2/1889	. . . . . {and provided with braking systems}	2/28	. . . Seats readily mountable on, and dismountable from, existing seats {or other parts} of the vehicle
2/1892	. . . . . {characterised by a lock}	2/2803	. . . . {Adaptations for seat belts (seat belts for children in general <a href="#">B60R 22/105</a> )}
2/1896	. . . . . {Stepwise movement mechanisms, e.g. ratchets ( <a href="#">B60N 2/1882 takes precedence; ratchets in general G05G 7/06</a> )}	2/2806	. . . . . {securing the child seat to the vehicle}
2/20	. . the back-rest being tiltable, e.g. to permit easy access ({ <a href="#">B60N 2/0224</a> }, <a href="#">B60N 2/04</a> , <a href="#">B60N 2/22</a> , <a href="#">B60N 2/3002</a> ) take precedence}	2/2809	. . . . . {with additional tether connected to the top of the child seat and passing above the top of the back-rest}
2/203	. . . {taking a position opposite to the original one}	2/2812	. . . . . {securing the child to the child seat}
2/206	. . . {to a position in which it can be used as a support for objects, e.g. as a tray}	2002/2815	. . . . . {with seat belt accessories, e.g. a belt tension detector}
2/22	. . the back-rest being adjustable ( <a href="#">B60N 2/2878 takes precedence</a> )}	2002/2818	. . . . . {characterised by guiding means for children belts}
2002/2204	. . . {Adjustable back-rest height or length}	2/2821	. . . . . {having a seat and a base part}
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}	2/2824	. . . . . {part of the base being supported by the vehicle frame ( <a href="#">B60N 2/289 takes precedence</a> )}
2/2213	. . . {Gear wheel driven mechanism ( <a href="#">B60N 2/2231</a> , <a href="#">B60N 2/225 take precedence</a> )}	2/2827	. . . . . {part of the base being supported by the seat sub-frame ( <a href="#">B60N 2/2893 takes precedence</a> )}
2/2218	. . . {Transversally moving locks}	2/283	. . . . . {suspended}
2/2222	. . . {the back-rest having two or more parts}	2/2833	. . . . . {back-rest suspended}
2/2227	. . . {and provided with braking systems}	2/2836	. . . . . {window-frame suspended}
2/2231	. . . {Worm and worm gear articulations}	2/2839	. . . . . {having a front guard or barrier}
2/2236	. . . {with a transversal pin displaced by a slot or a cam along a predetermined path}	2/2842	. . . . . {adapted to carry the child, when dismantled from the vehicle}
2/224	. . . {Stepwise movement mechanisms, e.g. ratchets ( <a href="#">ratchets in general G05G 7/06</a> )}	2/2845	. . . . . {having handles}
2/2245	. . . {provided with a lock mechanism on the upper part of the back-rest}	2/2848	. . . . . {being convertible or adaptable to a preambulator, e.g. a baby-carriage or a push-chair ( <a href="#">preambulators in general B62B 7/14</a> )}
2/225	. . . by cycloidal or planetary mechanisms ({ <a href="#">transmissions with orbital motion in general F16H 1/28</a> , <a href="#">F16H 1/32</a> )}	2/2851	. . . . . {provided with head-rests}
2/2251	. . . . {with gears having orbital motion, e.g. sun and planet gears ( <a href="#">in general F16H 1/28</a> )}	2/2854	. . . . . {Children's cots; Hammocks ( <a href="#">children's chairs in general A47D 1/00</a> )}
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 ( <a href="#">in general F16H 1/32</a> )}	2/2857	. . . . . {characterised by the peculiar orientation of the child ( <a href="#">B60N 2/2869 takes precedence</a> )}
2/2254	. . . . {provided with braking systems}	2/286	. . . . . {forward facing ( <a href="#">B60N 2/2866 takes precedence</a> )}
2/2255	. . . . . {with coiled springs}	2/2863	. . . . . {backward facing}
2/2257	. . . . . {with rollers or balls}	2/2866	. . . . . {booster cushions, e.g. to lift a child to allow proper use of the conventional safety belts}
2/2258	. . . . . {with ratchets}	2/2869	. . . . . {rotatable about a vertical axis}
2/23	. . . by {linear actuators, e.g.} linear screw mechanisms	2/2872	. . . . . {provided with side rests}
2/231	. . . . {by hydraulic actuators}	2/2875	. . . . . {inclinable, as a whole or partially}
2/232	. . . . {provided with memory locks}	2/2878	. . . . . {the back-rest being inclinable}
2/233	. . . . {by linear screw mechanisms}	2/2881	. . . . . {Upholstery, padded or cushioned members therefor}
2/235	. . . by gear-pawl type mechanisms		
2/2352	. . . . {with external pawls}		

2/2884	. . . . {with protection systems against abnormal g-forces}	2/3097	. . . . {Dismountable seats storable in a non-use position ( <a href="#">B60N 2/015</a> , <a href="#">B60N 2/28</a> take precedence)}
2/2887	. . . . {Fixation to a transversal anchorage bar, e.g. isofix}	2/32	. . . convertible for other use
2/289	. . . . . {coupled to the vehicle frame}	2/34	. . . into a bed ( <a href="#">sleeping arrangements in caravans B60P 3/38</a> )
2/2893	. . . . . {coupled to the seat sub-frame}	2/345	. . . . {by adding parts}
2002/2896	. . . . {the child seat being foldable, e.g. to facilitate transport}	2/36	. . . into a loading platform {(ski-bags in <a href="#">B60R 5/006</a> , <a href="#">B60N 2/065</a> takes precedence)}
2/30	. . Non-dismountable {or dismountable} seats storable in a non-use position, e.g. foldable spare seats ( <a href="#">convertible for other use B60N 2/32</a> )	2002/363	. . . . {characterised by provisions for enhancing the cargo floor surface, e.g. elements closing gaps or enlarging the back-rest surface}
2/3002	. . . {back-rest movements}	2/366	. . . . {characterised by the locking device}
2/3004	. . . . {by rotation only}	2/38	. . specially constructed for use on tractors or like off-road vehicles
2/3006	. . . . . {about longitudinal axis}	2/39	. . . Seats tiltable to compensate for roll inclination of vehicles
2/3009	. . . . . {about transversal axis}	2/40	. . . saddle type
2/3011	. . . . . {the back-rest being hinged on the cushion, e.g. "portefeuille movement"}	2/42	. . the seat constructed to protect the occupant from the effect of abnormal g-forces, e.g. crash or safety seats ( <a href="#">for protecting children B60N 2/26</a> ; <a href="#">arm-rests B60N 2/75</a> ; <a href="#">head-rests B60N 2/888</a> )
2/3013	. . . . . {the back-rest being hinged on the vehicle frame}	2/4207	. . . {characterised by the direction of the g-forces}
2/3015	. . . . . {the axis being located at the top of the back-rest}	2/4214	. . . . {longitudinal}
2/3018	. . . . . {about vertical axis}	2/4221	. . . . . {due to impact coming from the front}
2/302	. . . . {by translation only}	2/4228	. . . . . {due to impact coming from the rear}
2/3022	. . . . . {along longitudinal axis}	2/4235	. . . . {transversal}
2/3025	. . . . . {along transversal axis}	2/4242	. . . . {vertical}
2/3027	. . . . . {along vertical axis}	2/4249	. . . {fixed structures, i.e. where neither the seat nor a part thereof are displaced during a crash}
2/3029	. . . . {by composed movement}	2/4256	. . . . {the shape of the seat being specially adapted for a particular purpose or for particular vehicles}
2/3031	. . . . . {in a longitudinal-vertical plane}	2/4263	. . . . . {with anti-submarining systems}
2/3034	. . . . . {in a longitudinal-transversal plane}	2/427	. . . Seats or parts thereof displaced during a crash
2/3036	. . . . . {in a transversal-vertical plane}	2/42709	. . . . {involving residual deformation or fracture of the structure}
2/3038	. . . {Cushion movements}	2/42718	. . . . . {with anti-submarining systems}
2/304	. . . . {by rotation only}	2/42727	. . . . {involving substantially rigid displacement}
2/3043	. . . . . {about longitudinal axis}	2/42736	. . . . . {of the whole seat}
2/3045	. . . . . {about transversal axis}	2/42745	. . . . . {of the back-rest ( <a href="#">B60N 2/433</a> takes precedence; higher part of the back-rest moving together with the headrest <a href="#">B60N 2/888</a> )}
2/3047	. . . . . {the cushion being hinged at the back-rest}	2/42754	. . . . . {of the cushion}
2/305	. . . . . {the cushion being hinged on the vehicle frame}	2/42763	. . . . . {with anti-submarining systems}
2/3052	. . . . . {about vertical axis}	2/42772	. . . . {characterised by the triggering system}
2/3054	. . . . {by translation only}	2/42781	. . . . . {mechanical triggering}
2/3056	. . . . . {along longitudinal axis}	2/4279	. . . . . {electric or electronic triggering}
2/3059	. . . . . {along transversal axis}	2/43	. . . {Safety locks ( <a href="#">for back-rests B60N 2/433</a> )}
2/3061	. . . . . {along vertical axis}	2/433	. . . Safety locks for back-rests, e.g. with locking bars activated by inertia
2/3063	. . . . {by composed movement}	2/50	. Seat suspension devices
2/3065	. . . . . {in a longitudinal-vertical plane}	2/501	. . {actively controlled suspension, e.g. electronic control}
2/3068	. . . . . {in a longitudinal-transversal plane}	2/502	. . {attached to the base of the seat ( <a href="#">B60N 2/504</a> takes precedence)}
2/307	. . . . . {in a transversal-vertical plane}	2/503	. . {attached to the backrest ( <a href="#">B60N 2/504</a> takes precedence)}
2/3072	. . . {on a lower level of a multi-level vehicle floor}	2/504	. . {attached to the base and the backrest}
2/3075	. . . . {stowed in recess ( <a href="#">B60N 2/3079</a> takes precedence)}	2/505	. . {Adjustable suspension including height adjustment}
2/3077	. . . . {stowed in the luggage compartment}	2/506	. . {Seat guided by rods}
2/3079	. . . . . {in a recess}		
2/3081	. . . {Seats convertible into parts of the seat cushion or the back-rest or disappearing therein, e.g. 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}		



- 2/507 . . . {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 ([B60N 2/542 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, e.g. air-conditioning system}
- 2/5635 . . . . {coming from the passenger compartment}
- 2/5642 . . . . {with circulation of air through a layer inside the seat}
- 2/565 . . . . {sucked from the seat surface}
- 2/5657 . . . . {blown towards the seat surface}
- 2/5664 . . . . {with unforced air circulation, i.e. not using a fan or the like}
- 2/5671 . . . . {forming a windbreak, e.g. warm air blown 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}
- 2/5875 . . . {by adhesion, e.g. gluing}
- 2/5883 . . . {by sewing, stitching or threading}
- 2/5891 . . {Manufacturing methods specially adapted therefor}
- 2/60 . Removable protective coverings
- 2/6009 . . . {covering more than only the seat}
- 2/6018 . . . {attachments thereof}
- 2/6027 . . . . {by hooks, staples, clips, snap fasteners or the like}
- 2/6036 . . . . {by hook and loop-type fasteners}
- 2/6045 . . . . {by clamping means}
- 2/6054 . . . . {by buckle passages}
- 2/6063 . . . . {by elastic means}
- 2/6072 . . . . {by thermal welding}
- 2/6081 . . . . {by adhesion, e.g. glueing}
- 2/609 . . . . {by sewing, stitching or threading}
- 2/62 . Thigh-rests ([B60N 2/914 takes precedence](#))
- 2/64 . Back-rests {or cushions ([B60N 2/222 takes precedence](#))}
- 2/643 . . {shape of the back-rests ([B60N 2/66 takes precedence](#))}
- 2/646 . . {shape of the cushion}
- 2/66 . Lumbar supports
- 2/663 . . . {portable with attachment to the back-rest}
- 2/665 . . . {using inflatable bladders}
- 2/666 . . . {vertically adjustable}
- 2/667 . . . {having flexible support member bowed by applied forces}
- 2/6671 . . . . {with cable actuators}
- 2/6673 . . . . {with motor driven adjustments}
- 2/68 . Seat frames
- 2/682 . . {Joining means}
- 2002/684 . . . {the back rest being mounted or joined with an easy attachment system to the seat}
- 2/686 . . {Panel like structures}
- 2/688 . . {Particular seat belt attachment and guiding}
- 2/70 . Upholstery springs {; Upholstery}
- 2/7005 . . {detachable}
- 2/7011 . . {of substantially two-dimensional shape, e.g. hammock-like, plastic shells, fabrics}
- 2/7017 . . {Manufacturing methods specially adapted therefor}
- 2/7023 . . {Coach-like constructions}
- 2/7029 . . . {back-rests}
- 2/7035 . . . {Cushions}
- 2/7041 . . . . {Fixation of covers and springs}
- 2/7047 . . . . {Springs}
- 2/7052 . . . . . {Springs using a combination of metal and rubber}
- 2/7058 . . . . . {Metallic springs}
- 2/7064 . . . . . {helicoidal}
- 2/707 . . . . . {with rubber blocks}
- 2/7076 . . . . . {with rubber bands}
- 2/7082 . . . . . {with air or fluid cushions ([B60N 2/914 takes precedence](#))}
- 2/7088 . . . . . {with valves ([B60N 2/914 takes precedence](#))}
- 2/7094 . . {Upholstery springs}
- 2/72 . Attachment or adjustment thereof
- 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
- WARNING**
- Group [B60N 2/803](#) is incomplete pending reclassification of documents from group [B60N 2/879](#).
- Groups [B60N 2/879](#) and [B60N 2/803](#) should be considered in order to perform a complete search.
- 2/806 . . movable or adjustable
- WARNING**
- Group [B60N 2/806](#) is incomplete pending reclassification of documents from group [B60N 2/879](#).
- Groups [B60N 2/879](#) and [B60N 2/806](#) should be considered in order to perform a complete search.
- 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 . . . Tilttable
- 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, e.g. electric motors
- 2/856 . . . . movable to an inoperative or stowed position
- 2/859 . . . . specially adapted for rear seats
- 2/862 . . . . with means for maintaining a desired 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 ([B60N 2/832](#), [B60N 2/856](#) take precedence)
- 2/876 . . . . specially adapted for rear seats ([B60N 2/835](#), [B60N 2/859](#) take precedence)
- 2/879 . . with additional features not related to head-rest positioning, e.g. heating or cooling devices or loudspeakers
- WARNING**
- Group [B60N 2/879](#) is impacted by reclassification into groups [B60N 2/803](#) and [B60N 2/806](#).
- Groups [B60N 2/879](#), [B60N 2/803](#) and [B60N 2/806](#) should be considered in order to perform a complete search.
- 2/882 . . detachable
- 2/885 . . provided with side-rests
- 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 view
- 2/894 . . with rods solidly attached to the back-rest
- 2/897 . . with sleeves located in the back-rest for guiding the rods of the head-rest
- 2002/899 . . {characterised by structural or mechanical details not otherwise provided for}
- 2/90 . Details or parts not otherwise provided for
- 2002/905 . . {the head-rest or seat used as an anchorage point, for an object not covered by groups in [B60N](#), 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 ([B60N 2/16](#), [B60N 2/18](#), [B60N 2/22](#), [B60N 2/225](#) 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 ([B60N 2/2872](#), [B60N 2/885](#) 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 [B60R](#))**
- 3/001 . {of tables or trays (detachable tables in general with provisions for use in vehicles [A47B 31/06](#))}
- 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}	2205/50	. Interlocking shaft arrangements transmitting movement between hinge mechanisms on both sides of a seat
3/008	. {of beds (travelling or camp beds adapted to be used in, or connected to, a vehicle <a href="#">A47C 17/80</a> )}		
3/02	. of hand grips or straps		
3/023	. . {movable}		
3/026	. . {characterised by the fixing means ( <a href="#">B60N 3/023</a> takes precedence)}		
3/04	. of floor mats {or carpets}		
3/042	. . {of carpets ( <a href="#">B60N 3/046</a> , <a href="#">B60N 3/048</a> take precedence)}		
3/044	. . {of removable mats ( <a href="#">B60N 3/046</a> , <a href="#">B60N 3/048</a> take precedence)}		
3/046	. . {characterised by the fixing means}		
3/048	. . {characterised by their structure}		
3/06	. of footrests (floors of road vehicles { <a href="#">B62D 25/20</a> })		
3/063	. . {with adjustment systems}		
3/066	. . {with protection systems against abnormal g-forces}		
3/08	. of receptacles for refuse, e.g. ash-trays (ashtrays <a href="#">per se A24F</a> )		
3/083	. . {Ash-trays}		
3/086	. . . {with refuse evacuation means}		
3/10	. of receptacles for food or beverages, e.g. refrigerated (picnic sets <a href="#">A45F</a> {; cup holders in general <a href="#">A47G 23/02</a> })		
3/101	. . {fixed}		
3/102	. . {storable or foldable in a non-use position}		
3/103	. . {detachable}		
3/104	. . {with refrigerating or warming systems}		
3/105	. . {for receptacles 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 ( <a href="#">B60N 2/793</a> takes precedence; } receptacles for cigarettes or the like <a href="#">A24F</a> )		
3/14	. of electrically-heated lighters {(arrangements of lighting devices for vehicle interiors for lighting passenger or driving compartment <a href="#">B60Q 3/20</a> ; igniters using electrically-produced heat <a href="#">F23Q 7/00</a> )}		
3/16	. of cooking or boiling devices (cooking of boiling devices <a href="#">per se A47</a> , <a href="#">F24C</a> )		
3/18	. of drinking-water {or other beverage} dispensing devices		
<b>5/00</b>	<b>Arrangements or devices on vehicles for entrance or exit control of passengers, e.g. turnstiles</b> (turnstiles in general <a href="#">E06B 11/08</a> )		
<b>99/00</b>	<b>Subject matter not provided for in other groups of this subclass</b>		
<b>2205/00</b>	<b>General mechanical or structural details</b>		
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		