

# 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

<b>2/00</b>	<b>Seats specially adapted for vehicles; Arrangement or mounting of seats in vehicles</b> ( <a href="#">railway seats B61D 33/00</a> ; <a href="#">cycle seats B62J 1/00</a> ; <a href="#">aircraft seats B64D 11/06</a> , <a href="#">B64D 25/04</a> , <a href="#">B64D 25/10</a> )	<b>2002/0216</b>	. . . {the seat or seat part turning about or moving along a transversal axis}
		<b>2002/022</b>	. . . {the seat or seat part turning about or moving along a vertical axis}
<b>2/002</b>	. {Passenger detection systems}	<b>2/0224</b>	. . {Non-manual adjustment, e.g. with electrical operation}
<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>2/0228</b>	. . . {Hand-activated switches}
		<b>2/0232</b>	. . . {electric motors}
<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>2002/0236</b>	. . . . {characterised by details of the transmission between the electric motor and the seat or seat parts}
<b>2/01</b>	. . Arrangement of seats relative to one another	<b>2002/024</b>	. . . . {characterised by details of the mounting of the electric motor}
<b>2/012</b>	. . . {The seat support being a part of the vehicle body or chassis}	<b>2/0244</b>	. . . {with logic circuits}
<b>2/015</b>	. . Attaching seats directly to vehicle chassis	<b>2/0248</b>	. . . . {with memory of positions}
<b>2/01508</b>	. . . {using quick release attachments}	<b>2/0252</b>	. . . . {with relations between different adjustments, e.g. height of headrest following longitudinal position of seat}
<b>2/01516</b>	. . . . {with locking mechanisms}	<b>2002/0256</b>	. . . . {Arrangements helping the passenger to get in or out}
<b>2/01525</b>	. . . . . {with locking elements expanding inside or under the vehicle floor or rail}	<b>2002/026</b>	. . . . {varying hardness or support of upholstery, e.g. when driving curved roads}
<b>2/01533</b>	. . . . . {using balls interlocking with notches}	<b>2002/0264</b>	. . . . {characterised by the type of electrical connection, e.g. wiring, plugs or USB}
<b>2/01541</b>	. . . . . {using moving hooks ( <a href="#">B60N 2/01583</a> takes precedence)}	<b>2002/0268</b>	. . . . {using sensors or detectors for adapting the seat or seat part, e.g. to the position of a passenger}
<b>2/0155</b>	. . . . . {with the locking mechanism on the vehicle floor or rail}	<b>2002/0272</b>	. . . . {using sensors or detectors for detecting the position of seat parts}
<b>2/01558</b>	. . . . . {with key and slot}	<b>2/0276</b>	. . . . {reaction to emergency situations, e.g. crash}
<b>2/01566</b>	. . . . . {key rotating about a vertical axis}	<b>2/028</b>	. . {Elastically mounted back-rests}
<b>2/01575</b>	. . . . . {key sliding inside the vehicle floor or rail}	<b>2/0284</b>	. . {Adjustable seat-cushion length ( <a href="#">B60N 2/0224</a> takes precedence)}
<b>2/01583</b>	. . . . . {locking on transversal elements on the vehicle floor or rail, e.g. transversal rods}	<b>2002/0288</b>	. . {Adjustable seat width}
<b>2/01591</b>	. . . . {with wheels coupled to the seat}	<b>2/0292</b>	. . {Multiple configuration seats, e.g. for spacious vehicles or mini-buses}
<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>2/0296</b>	. . {Central command actuator to selectively switch on or engage one of several special purpose circuits or mechanisms}
<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>2/04</b>	. . the whole seat being movable
<b>2002/0208</b>	. . . {the seat or seat part turning about or moving along an inclined axis}		
<b>2002/0212</b>	. . . {the seat or seat part turning about or moving along a longitudinal axis}		

2/045	. . . {Longitudinal adjustment by means of articulated rods supporting the seat, e.g. parallelogram mechanisms ( <a href="#">B60N 2/38 takes precedence</a> )}	2/10	. . . tiltable ( <a href="#">B60N 2/12 {, B60N 2/2875}</a> take precedence)
2/06	. . . slidable ( <a href="#">B60N 2/12 {, B60N 2/2209}</a> take precedence)	2/12	. . . slidable and tiltable
2/062	. . . . {transversally slidable}	2/123	. . . . {and provided with memory locks}
2/065	. . . . {Rear seats}	2002/126	. . . . {the backrest being maintained in its tilted position until the seat has slid to its memorised position}
2/067	. . . . {by linear actuators, e.g. linear screw mechanisms}	2/14	. . . rotatable, e.g. to permit easy access ( <a href="#">B60N 2/10 {, B60N 2/2869}</a> take precedence)
2/07	. . . . Slide construction	2/143	. . . . {taking a position opposite to the original one}
2/0702	. . . . . {characterised by its cross-section}	2/146	. . . . . {characterised by the locking device}
2/0705	. . . . . {omega-shaped}	2/16	. . . height-adjustable
2/0707	. . . . . {J-shaped}	2/1605	. . . . . {characterised by the cinematic}
2/071	. . . . . {T-shaped}	2/161	. . . . . {Rods}
2/0712	. . . . . {H or double T-shaped}	2/1615	. . . . . {Parallelogram-like structure}
2/0715	. . . . . {C or U-shaped}	2/162	. . . . . {Scissors-like structure}
2/0717	. . . . . {Rounded, e.g. circular}	2/1625	. . . . . {Combination of rods and slides}
2/072	. . . . . {Complex cross-section, e.g. obtained by extrusion}	2/163	. . . . . {Slides only}
2/0722	. . . . . {Constructive details}	2/1635	. . . . . {characterised by the drive mechanism}
2/0725	. . . . . {Closing members for covering the slide}	2/164	. . . . . {Linear actuator, e.g. screw mechanism}
2/0727	. . . . . {Stop members for limiting sliding movement}	2/1645	. . . . . {Eccentric mechanism}
2/073	. . . . . {Reinforcement members preventing slide dislocation}	2/165	. . . . . {Gear wheel driven mechanism}
2/0732	. . . . . {Attachment of seat frame to the slide, e.g. eyelets}	2/1655	. . . . . {Cycloidal or planetary mechanism}
2/0735	. . . . . {Position and orientation of the slide as a whole}	2/166	. . . . . {Worm and worm gear articulations}
2/0737	. . . . . {the slide path being substantially in a direction different from the longitudinal}	2/1665	. . . . . {Hydraulic or pneumatic actuation}
2/074	. . . . . . {rotated about the transversal axis}	2/167	. . . . . {Ratchet mechanism}
2/0742	. . . . . . {rotated about the vertical axis}	2/1675	. . . . . {with weight compensating means}
2/0745	. . . . . . {the slide path being curved}	2/168	. . . . . {and provided with braking systems}
2/0747	. . . . . . {the opening of the cross section being oriented in a direction different from the vertical, e.g. transversal}	2/1685	. . . . . {characterised by a lock}
2/075	. . . . . roller-less	2/169	. . . . . {Stepwise movement mechanisms, e.g. ratchets ( <a href="#">B60N 2/167 takes precedence</a> )}
2/08	. . . . . characterised by the locking device	2/1695	. . . . . {with simultaneous height and inclination adjustment}
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}	2/18	. . . . . the front or the rear portion of the seat being adjustable, e.g. independently of each other
2/0812	. . . . . . {Location of the latch}	2/1803	. . . . . . {with independent front and/or rear adjustment}
2/0818	. . . . . . {inside the rail}	2/1807	. . . . . . {characterised by the cinematic}
2/0825	. . . . . . {outside the rail}	2/181	. . . . . . {Rods}
2/0831	. . . . . . {Movement of the latch}	2/1814	. . . . . . . {Parallelogram-like structure}
2/0837	. . . . . . {pivoting}	2/1817	. . . . . . . {Scissors-like structure}
2/0843	. . . . . . . {about a longitudinal axis}	2/1821	. . . . . . . {Combination of Rods and slides}
2/085	. . . . . . . {about a transversal axis}	2/1825	. . . . . . . {including a curved slide}
2/0856	. . . . . . . {about a vertical axis}	2/1828	. . . . . . . {Slides only}
2/0862	. . . . . . . {sliding}	2/1832	. . . . . . . {including a curved slide}
2/0868	. . . . . . . {in a transversal direction}	2/1835	. . . . . . . {pivoting about an axis located in the front}
2/0875	. . . . . . . {in a vertical direction}	2/1839	. . . . . . . {pivoting about an axis located in an intermediate position}
2/0881	. . . . . . {Activation of the latches by the control mechanism}	2/1842	. . . . . . . {pivoting about an axis located in the rear}
2/0887	. . . . . . . {with synchronised movements}	2/1846	. . . . . . . {pivoting about a distant axis, e.g. virtual}
2/0893	. . . . . . . {allowing independent movement of the latches, e.g. to recover tolerance errors}	2/185	. . . . . . . {characterised by the drive mechanism}
		2/1853	. . . . . . . {Linear actuator, e.g. screw mechanism}
		2/1857	. . . . . . . {Eccentric mechanism}
		2/186	. . . . . . . {with a transversal pin displaced 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}	2/28	. . . Seats readily mountable on, and dismountable from, existing seats {or other parts} of the vehicle
2/1878	. . . . . {Hydraulic or pneumatic actuation}	2/2803	. . . . . {Adaptations for seat belts}
2/1882	. . . . . {Ratchet mechanism}	2/2806	. . . . . {securing the child seat to the vehicle}
2/1885	. . . . . {with weight compensating means}	2/2809	. . . . . {with additional tether connected to the top of the child seat and passing above the top of the back-rest}
2/1889	. . . . . {and provided with braking systems}	2/2812	. . . . . {securing the child to the child seat}
2/1892	. . . . . {characterised by a lock}	2002/2815	. . . . . {with seat belt accessories, e.g. a belt tension detector}
2/1896	. . . . . {Stepwise movement mechanisms, e.g. ratchets (B60N 2/1882 takes precedence)}	2002/2818	. . . . . {characterised by guiding means for children belts}
2/20	. . the back-rest being tiltable, e.g. to permit easy access (B60N 2/04, B60N 2/22 {, B60N 2/3002} take precedence)	2/2821	. . . . . {having a seat and a base part}
2/203	. . . {taking a position opposite to the original one}	2/2824	. . . . . {part of the base being supported by the vehicle frame (B60N 2/289 takes precedence)}
2/206	. . . {to a position in which it can be used as a support for objects, e.g. as a tray}	2/2827	. . . . . {part of the base being supported by the seat sub-frame (B60N 2/2893 takes precedence)}
2/22	. . the back-rest being adjustable {(B60N 2/2878 takes precedence)}	2/283	. . . . . {suspended}
2002/2204	. . . {Adjustable back-rest height or length}	2/2833	. . . . . {back-rest suspended}
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}	2/2836	. . . . . {window-frame suspended}
2/2213	. . . {Gear wheel driven mechanism (B60N 2/2231, B60N 2/225 take precedence)}	2/2839	. . . . . {having a front guard or barrier}
2/2218	. . . {Transversally moving locks}	2/2842	. . . . . {adapted to carry the child, when dismantled from the vehicle}
2/2222	. . . {the back-rest having two or more parts}	2/2845	. . . . . {having handles}
2/2227	. . . {and provided with braking systems}	2/2848	. . . . . {being convertible or adaptable to a preambulator, e.g. a baby-carriage or a push-chair}
2/2231	. . . {Worm and worm gear articulations}	2/2851	. . . . . {provided with head-rests}
2/2236	. . . {with a transversal pin displaced by a slot or a cam along a predetermined path}	2/2854	. . . . . {Children's cots; Hammocks}
2/224	. . . {Stepwise movement mechanisms, e.g. ratchets}	2/2857	. . . . . {characterised by the peculiar orientation of the child (B60N 2/2869 takes precedence)}
2/2245	. . . {provided with a lock mechanism on the upper part of the back-rest}	2/286	. . . . . {forward facing (B60N 2/2866 takes precedence)}
2/225	. . . by cycloidal or planetary mechanisms	2/2863	. . . . . {backward facing}
2/2251	. . . . {with gears having orbital motion, e.g. sun and planet gears}	2/2866	. . . . . {booster cushions, e.g. to lift a child to allow proper use of the conventional safety belts}
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}	2/2869	. . . . . {rotatable about a vertical axis}
2/2254	. . . . {provided with braking systems}	2/2872	. . . . . {provided with side rests}
2/2255	. . . . . {with coiled springs}	2/2875	. . . . . {inclinable, as a whole or partially}
2/2257	. . . . . {with rollers or balls}	2/2878	. . . . . {the back-rest being inclinable}
2/2258	. . . . . {with ratchets}	2/2881	. . . . . {Upholstery, padded or cushioned members therefor}
2/23	. . . by {linear actuators, e.g.} linear screw mechanisms	2/2884	. . . . . {with protection systems against abnormal g-forces}
2/231	. . . . {by hydraulic actuators}	2/2887	. . . . . {Fixation to a transversal anchorage bar, e.g. isofix}
2/232	. . . . {provided with memory locks}	2/289	. . . . . {coupled to the vehicle frame}
2/233	. . . . {by linear screw mechanisms}	2/2893	. . . . . {coupled to the seat sub-frame}
2/235	. . . by gear-pawl type mechanisms	2002/2896	. . . . . {the child seat being foldable, e.g. to facilitate transport}
2/2352	. . . . {with external pawls}	2/30	. . Non-dismountable {or dismountable} seats storable in a non-use position, e.g. foldable spare seats
2/2354	. . . . {and provided with memory locks}	2/3002	. . . {back-rest movements}
2/2356	. . . . {with internal pawls}	2/3004	. . . . {by rotation only}
2/2358	. . . . {and provided with memory locks}	2/3006	. . . . . {about longitudinal axis}
2/236	. . . . . {linearly movable}	2/3009	. . . . . {about transversal axis}
2/2362	. . . . . {rotatably movable}	2/3011	. . . . . {the back-rest being hinged on the cushion, e.g. "portefeuille movement"}
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 (B60N 2/30 takes precedence)		
2/265	. . . {Adaptations for seat belts}		

2/3013	. . . . . {the back-rest being hinged on the vehicle frame}	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 <a href="#">B60N 2/26</a> ; arm-rests <a href="#">B60N 2/75</a> ; head-rests <a href="#">B60N 2/888</a> )
2/3015	. . . . . {the axis being located at the top of the back-rest}	2/4207	. . . {characterised by the direction of the g-forces}
2/3018	. . . . . {about vertical axis}	2/4214	. . . . {longitudinal}
2/302	. . . . {by translation only}	2/4221	. . . . . {due to impact coming from the front}
2/3022	. . . . . {along longitudinal axis}	2/4228	. . . . . {due to impact coming from the rear}
2/3025	. . . . . {along transversal axis}	2/4235	. . . . {transversal}
2/3027	. . . . . {along vertical axis}	2/4242	. . . . {vertical}
2/3029	. . . . {by composed movement}	2/4249	. . . {fixed structures, i.e. where neither the seat nor a part thereof are displaced during a crash}
2/3031	. . . . . {in a longitudinal-vertical plane}	2/4256	. . . . {the shape of the seat being specially adapted for a particular purpose or for particular vehicles}
2/3034	. . . . . {in a longitudinal-transversal plane}	2/4263	. . . . . {with anti-submarining systems}
2/3036	. . . . . {in a transversal-vertical plane}	2/427	. . . Seats or parts thereof displaced during a crash
2/3038	. . . {Cushion movements}	2/42709	. . . . {involving residual deformation or fracture of the structure}
2/304	. . . . {by rotation only}	2/42718	. . . . . {with anti-submarining systems}
2/3043	. . . . . {about longitudinal axis}	2/42727	. . . . {involving substantially rigid displacement}
2/3045	. . . . . {about transversal axis}	2/42736	. . . . . {of the whole seat}
2/3047	. . . . . {the cushion being hinged at the back-rest}	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> )}
2/305	. . . . . {the cushion being hinged on the vehicle frame}	2/42754	. . . . . {of the cushion}
2/3052	. . . . . {about vertical axis}	2/42763	. . . . . {with anti-submarining systems}
2/3054	. . . . {by translation only}	2/42772	. . . . {characterised by the triggering system}
2/3056	. . . . . {along longitudinal axis}	2/42781	. . . . . {mechanical triggering}
2/3059	. . . . . {along transversal axis}	2/4279	. . . . . {electric or electronic triggering}
2/3061	. . . . . {along vertical axis}	2/43	. . . {Safety locks (for back-rests <a href="#">B60N 2/433</a> )}
2/3063	. . . . {by composed movement}	2/433	. . . Safety locks for back-rests, e.g. with locking bars activated by inertia
2/3065	. . . . . {in a longitudinal-vertical plane}	2/50	. Seat suspension devices
2/3068	. . . . . {in a longitudinal-transversal plane}	2/501	. . {actively controlled suspension, e.g. electronic control}
2/307	. . . . . {in a transversal-vertical plane}	2/502	. . {attached to the base of the seat ( <a href="#">B60N 2/504</a> takes precedence)}
2/3072	. . . {on a lower level of a multi-level vehicle floor}	2/503	. . {attached to the backrest ( <a href="#">B60N 2/504</a> takes precedence)}
2/3075	. . . . {stowed in recess ( <a href="#">B60N 2/3079</a> takes precedence)}	2/504	. . {attached to the base and the backrest}
2/3077	. . . . {stowed in the luggage compartment}	2/505	. . {Adjustable suspension including height adjustment}
2/3079	. . . . . {in a recess}	2/506	. . {Seat guided by rods}
2/3081	. . . {Seats convertible into parts of the seat cushion or the back-rest or disappearing therein, e.g. for children}	2/507	. . . {Parallelogram-like structure}
2/3084	. . . . {Disappearing in a recess of the back-rest}	2/508	. . . {Scissors-like structure}
2/3086	. . . . {Disappearing in a recess of the cushion}	2/509	. . {Seat guided by slides or the like}
2/3088	. . . {characterised by the mechanical link}	2/52	. . using fluid means
2/309	. . . . {rods}	2/522	. . . {characterised by dampening means}
2/3093	. . . . {slides}	2/525	. . . {using gas}
2/3095	. . . {Auxiliary rear seats accessible from outside the vehicle when in an in-use position}	2/527	. . . {using liquids}
2/3097	. . . {Dismountable seats storable in a non-use position ( <a href="#">B60N 2/015</a> , <a href="#">B60N 2/28</a> take precedence)}	2/54	. . using mechanical springs
2/32	. . convertible for other use	2/542	. . . {made of rubber or other material having high internal friction, e.g. polymers}
2/34	. . . into a bed	2/544	. . . {Compression or tension springs ( <a href="#">B60N 2/542</a> takes precedence)}
2/345	. . . . {by adding parts}	2/546	. . . {Leaf- or flexion springs}
2/36	. . . into a loading platform ( <a href="#">B60N 2/065</a> takes precedence)}	2/548	. . . {Torsion springs, e.g. torsion helicoidal springs}
2002/363	. . . . {characterised by provisions for enhancing the cargo floor surface, e.g. elements closing gaps or enlarging the back-rest surface}	2/56	. Heating or ventilating devices
2/366	. . . . {characterised by the locking device}	2/5607	. . {characterised by convection}
2/38	. . specially constructed for use on tractors or like off-road vehicles	2/5614	. . . {by liquid}
2/39	. . . Seats tiltable to compensate for roll inclination of vehicles		
2/40	. . . saddle type		



- 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 . . . {helicoïdal}
- 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	2/943	. . . . . {Stepwise movement mechanisms, e.g. ratchets}
2/824	. . . . . using springs	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}
2/826	. . . . . using rubber-type material	2002/952	. . . . {characterised by details of the locking system}
2/829	. . . . characterised by their adjusting mechanisms, e.g. electric motors	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}
2/832	. . . . movable to an inoperative or stowed position	2002/962	. . . . . {the locking system disabling tilting of the back-rest to the vertical position, when the seat is not properly installed}
2/835	. . . . . specially adapted for rear seats	2002/967	. . . . {the locking system prevents tilt of whole seat by retaining and locking the seat in a vertical storage position}
2/838	. . . . Tilttable	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}
2/841	. . . . characterised by their locking devices	2/976	. . . {massaging systems}
2/844	. . . . . Release mechanisms, e.g. buttons	2002/981	. . . {Warning systems, e.g. the seat or seat parts vibrates to warn the passenger when facing a danger}
2/847	. . . . . with stepwise positioning	2/986	. . . {Side-rests (B60N 2/2872, B60N 2/885 take precedence)}
2/85	. . . . . with continuous positioning	2/99	. . . {adjustable}
2/853	. . . . characterised by their adjusting mechanisms, e.g. electric motors	2/995	. . . {Lower-leg-rests, e.g. calf-rests}
2/856	. . . . movable to an inoperative or stowed position	<b>3/00</b>	<b>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)</b>
2/859	. . . . . specially adapted for rear seats	3/001	. . . {of tables or trays}
2/862	. . . . with means for maintaining a desired position when the seat-back is adjusted, e.g. parallelogram mechanisms	3/002	. . . {of trays}
2/865	. . . providing a fore-and-aft movement with respect to the occupant's head	3/004	. . . . {of foldable trays mounted on the back-rest}
2/868	. . . providing a lateral movement parallel to the occupant's shoulder line	3/005	. . . . {mounted on the steering wheel}
2/874	. . . movable to an inoperative or stowed position (B60N 2/832, B60N 2/856 take precedence)	3/007	. . . . {mounted on the window sill}
2/876	. . . . specially adapted for rear seats (B60N 2/835, B60N 2/859 take precedence)	3/008	. . . {of beds}
2/879	. . with additional features not related to head-rest positioning, e.g. heating or cooling devices or loudspeakers	3/02	. . of hand grips or straps
<b>WARNING</b>		3/023	. . . {movable}
Group B60N 2/879 is impacted by reclassification into groups B60N 2/803 and B60N 2/806.		3/026	. . . {characterised by the fixing means (B60N 3/023 takes precedence)}
Groups B60N 2/879, B60N 2/803 and B60N 2/806 should be considered in order to perform a complete search.		3/04	. . of floor mats {or carpets}
2/882	. . detachable	3/042	. . . {of carpets (B60N 3/046, B60N 3/048 take precedence)}
2/885	. . provided with side-rests	3/044	. . . {of removable mats (B60N 3/046, B60N 3/048 take precedence)}
2/888	. . with arrangements for protecting against abnormal g-forces, e.g. by displacement of the head-rest	3/046	. . . {characterised by the fixing means}
2/891	. . with the head-rest being comma-shaped in side view	3/048	. . . {characterised by their structure}
2/894	. . with rods solidly attached to the back-rest	3/06	. . of footrests
2/897	. . with sleeves located in the back-rest for guiding the rods of the head-rest	3/063	. . . {with adjustment systems}
2002/899	. . . {characterised by structural or mechanical details not otherwise provided for}	3/066	. . . {with protection systems against abnormal g-forces}
2/90	. Details or parts not otherwise provided for	3/08	. . of receptacles for refuse, e.g. ash-trays
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}	3/083	. . . {Ash-trays}
2/91	. . . {Panels between front seats}	3/086	. . . . {with refuse evacuation means}
2/914	. . . {Hydro-pneumatic adjustments of the shape}	3/10	. . of receptacles for food or beverages, e.g. refrigerated
2/919	. . . {Positioning and locking mechanisms (B60N 2/16, B60N 2/18, B60N 2/22, B60N 2/225 take precedence)}	3/101	. . . {fixed}
2002/924	. . . . {using electric or hydraulic energy}	3/102	. . . {storable or foldable in a non-use position}
2/929	. . . . {linear}		
2/933	. . . . {rotatable}		
2/938	. . . . . {and provided with braking systems}		

## B60N

- 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
- 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**

### **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