

Title (en)  
HEAD REST RELEASE MECHANISM

Title (de)  
KOPFSTÜTZENFREIGABEMECHANISMUS

Title (fr)  
MÉCANISME DE DÉCLENCHEMENT POUR APPUI-TÊTE

Publication  
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Application  
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Abstract (en)  
[origin: WO2007143861A1] Automatic headrest actuation systems for moving head rests in seats such as found in vehicles are disclosed. One embodiment moves a head rest (20) into a forwardly folded position when a seat is folded forward, allowing the seat to achieve a horizontal position. Bowden cables (50) are arranged to automatically effect the head rest folding when the seat is moved from an upright position. A second embodiment moves a head rest towards an occupant's head when a force is applied to a lumbar support basket (220), such as during a vehicular collision. Bowden cables and an actuator (224) operatively connect the support basket and the head rest. A third embodiment moves a head rest towards an occupant's head when a severe load is applied to a fluid-filled lumbar support bladder (920). Pressure is transmitted to a head rest actuator via an interconnecting fluid passageway (924).

IPC 8 full level  
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Citation (search report)  
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• [A] EP 0306374 A1 19890308 - COUSIN CIE ETS A & M FRERES [FR]  
• [A] DE 102004040881 A1 20060302 - FAURECIA AUTOSITZE GMBH & CO [DE]  
• [A] US 2005127739 A1 20050616 - BATES JEFFREY D [GB]  
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