

Title (en)  
Hinged closures

Title (de)  
Gelenkverschlüsse

Title (fr)  
Fermetures articulées

Publication  
**EP 0808982 A2 19971126 (EN)**

Application  
**EP 97303390 A 19970519**

Priority  
GB 9610911 A 19960524

Abstract (en)  
A hinge mechanism for assisting the lifting particularly of a boot lid or tailgate hinged to a motor vehicle body, comprises an inner link (6) and an outer link (8) permitting pivoting of the lid about the body, and a gas strut (10) acting between the fixed hinge part (2) attachable to the body and the movable hinge part (4) attachable to the lid. One end of the strut acts through a pivotable lever (16) whose movement is constrained by engagement with a cam (12) when the two hinge parts are in close proximity, as when the lid is in a lowered position, thereby to cause a lifting movement of the lid. <IMAGE>

IPC 1-7  
**E05D 3/06**; **E05F 1/12**; **B62D 25/10**

IPC 8 full level  
**E05D 3/06** (2006.01); **E05F 1/12** (2006.01); **E05F 3/20** (2006.01); **E05F 5/02** (2006.01); **E05F 7/06** (2006.01); **E05F 1/10** (2006.01)

CPC (source: EP)  
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Cited by  
FR2864135A1; DE10117769B4; DE10222987A1; DE10222987B4; KR100969092B1; DE102010029039A1; GB2361506A; GB2361506B; EP1148196A3; GB2384524A; GB2384524B; EP1331342A3; FR2927351A1; FR2907053A1; EP1914099A1; GB2330175B; DE19846600B4; CN101952534A; US6892423B2; US6719356B2; US6367123B1; US8387214B2; WO2006086961A1; WO2009101356A1; WO02087912A1; US7070226B2; US6230364B1; US8136861B2

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