

Title (en)

System for opening and closing of lids, especially of tailgates of motor vehicles

Title (de)

System zum Öffnen und Schliessen von Klappen insbesondere Heckklappen von Kraftfahrzeugen

Title (fr)

Système de fermeture de capots, en particulier de capots arrières de véhicules

Publication

EP 1400648 A3 20070425 (DE)

Application

EP 03021274 A 20030919

Priority

DE 10243635 A 20020919

Abstract (en)

[origin: EP1400648A2] The boot flap (2) is mounted by rotary fitments to swivel between open and closed position. At least one of the fitments (8) which acts between the frame of the vehicle rear and the boot flap (2) is connected to a spring (16) whose spring force assists in the opening of the boot. The hinges or rotary joints comprise a guide rod lever (8) mounted rotationally on the frame of the vehicle rear on one side and on the boot flap on the other. A gas compression spring (9) can be provided additionally between boot flap and vehicle frame.

IPC 8 full level

E05F 1/12 (2006.01); **E05D 3/06** (2006.01)

CPC (source: EP)

E05D 3/145 (2013.01); **E05F 1/1261** (2013.01); **E05F 1/1276** (2013.01); **E05F 1/1292** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/256** (2013.01); **E05Y 2201/264** (2013.01); **E05Y 2900/546** (2013.01)

Citation (search report)

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- [X] EP 1148196 A2 20011024 - ITW LTD [GB]
- [X] US 5062182 A 19911105 - GRIFFITHS GUY G V [GB], et al
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Cited by

CN103754269A; DE10350182B4; CN112955590A; CN103129631A; CN109488134A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

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