

Title (en)

Vehicle compartment lid with lever mechanism and force generating accessory

Title (de)

Kraftfahrzeugdeckel mit Hebelmechanismus und Krafterzeugendem Hilfsmittel

Title (fr)

Couvercle du coffre d'un véhicule avec mécanisme à leviers et accessoire générant une force

Publication

**EP 2042673 A3 20120808 (DE)**

Application

**EP 08016976 A 20080926**

Priority

DE 102007046691 A 20070928

Abstract (en)

[origin: EP2042673A2] The vehicle top (1,1') has a hinge mechanism (9) defining its rotation axis for attaching to a vehicle structure (12) in a rotating manner. A vehicle end accessory (2,2') is provided with a lever mechanism with multiple levers. The lever mechanism is assembled from two rotating levers (5,5',6,6') connected in a connection point (4,4',7,8,8') designed as a hinge. The rotating levers are folded together in a folded form of vehicle top, and are unfolded in an opened condition of another vehicle top.

IPC 8 full level

**E05D 3/06** (2006.01); **E05F 1/10** (2006.01); **E05F 15/04** (2006.01); **E05F 15/12** (2006.01)

CPC (source: EP)

**E05F 1/1091** (2013.01); **E05F 15/627** (2015.01); **E05F 15/63** (2015.01); **E05Y 2201/624** (2013.01); **E05Y 2201/636** (2013.01); **E05Y 2900/546** (2013.01)

Citation (search report)

- [X] US 6341809 B1 20020129 - CHAPMAN DAVID JOSEPH [US]
- [X] US 577838 A 18970302
- [X] DE 19758130 A1 19980917 - SUSPA COMPART AG [DE]
- [X] US 5988728 A 19991123 - LUND DAVID [US], et al
- [X] US 2002005651 A1 20020117 - YOUNG DAVID C [US], et al
- [X] US 2737254 A 19560306 - BAYLEY GEORGE R
- [X] EP 0384484 A1 19900829 - WEISBENDER HELMUT GMBH [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2042673 A2 20090401**; **EP 2042673 A3 20120808**; **EP 2042673 B1 20160518**; DE 102007046691 A1 20090409

DOCDB simple family (application)

**EP 08016976 A 20080926**; DE 102007046691 A 20070928