

Title (en)

Bonnet closing device for vehicles

Title (de)

Schliesseinheit für eine Klappe eines Fahrzeugs

Title (fr)

Dispositif d'entraînement d'un hayon de véhicule

Publication

**EP 1520952 B1 20110706 (DE)**

Application

**EP 04020716 A 20040901**

Priority

- DE 10345823 A 20031001
- DE 10346758 A 20031006

Abstract (en)

[origin: EP1520952A1] A door leaf (1) with a box-type sheet-steel shell (5) and a sheet-metal cover (6) has a rabbet (7) on two side surfaces around the periphery to form a cavity produced by reshaped sheet steel. On the inner side of the shell there is a reinforcing steel sheet (8) with a width stretching into the area of the rabbet. Hinge parts (2) have angular hinge lobes (9) in notches on the rabbet's inner side.

IPC 8 full level

**B60J 5/00** (2006.01); **E05F 15/12** (2006.01)

CPC (source: EP US)

**E05F 15/619** (2015.01 - EP US); **E05F 15/627** (2015.01 - EP US); **E05F 15/63** (2015.01 - EP US); **E05Y 2201/216** (2013.01 - EP US); **E05Y 2201/246** (2013.01 - EP US); **E05Y 2201/462** (2013.01 - EP US); **E05Y 2400/326** (2013.01 - EP US); **E05Y 2600/458** (2013.01 - EP US); **E05Y 2900/536** (2013.01 - EP US)

Cited by

EP4163465A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 1520952 A1 20050406**; **EP 1520952 B1 20110706**; US 2005121940 A1 20050609; US 7290823 B2 20071106

DOCDB simple family (application)

**EP 04020716 A 20040901**; US 95214104 A 20040928