

Title (en)

DAMPING DEVICE FOR TRUNK LID

Title (de)

DÄMPFUNGSVORRICHTUNG FÜR KOFFERRAUMKLAPPE

Title (fr)

DISPOSITIF D'AMORTISSEMENT POUR COUVERCLE DE COFFRE

Publication

EP 3091162 A1 20161109 (EN)

Application

EP 16167911 A 20160502

Priority

CN 201510230639 A 20150508

Abstract (en)

The present disclosure provides a damping device for a trunk lid, the damping device comprising a stopping member fixed on the trunk lid of a motor vehicle, a trunk sill for cooperating with the stopping member and a stopping member support fixed on a body of the motor vehicle for supporting the trunk sill, the stopping member being provided with a damping hole in which an elastic damping member for reducing the shock caused by closing the trunk lid is fixed, wherein the stopping member is further provided with a positioning concave part shrinking towards the interior of the stopping member, and the trunk sill is provided with a positioning convex part corresponding to the positioning concave part, the positioning concave part and the positioning convex part being sized in such a way that when the trunk lid is completely closed, the positioning convex part completely fills the positioning concave part. A motor vehicle comprising the damping device for the trunk lid according to the present disclosure is further provided.

IPC 8 full level

E05F 5/02 (2006.01); **E05F 7/04** (2006.01)

CPC (source: EP)

E05F 5/022 (2013.01); **E05F 7/04** (2013.01); **E05Y 2800/422** (2013.01); **E05Y 2900/548** (2013.01)

Citation (applicant)

- DE 19953448 A1 20010510 - VOLKSWAGEN AG [DE]
- US 2005093342 A1 20050505 - KIM TAE-SOK [KR]

Citation (search report)

- [Y] DE 8814958 U1 19890216
- [Y] US 6206455 B1 20010327 - FAUBERT ROBERT J [US], et al

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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