

Title (en)

ACTUATING DEVICE FOR A MOTOR VEHICLE LOCK

Title (de)

BETÄTIGUNGSEINRICHTUNG FÜR EIN KRAFTFAHRZEUGSCHLOSS

Title (fr)

DISPOSITIF D'ACTIONNEMENT POUR SERRURE DE VÉHICULE À MOTEUR

Publication

EP 3126599 A1 20170208 (DE)

Application

EP 15727298 A 20150325

Priority

- DE 102014004550 A 20140331
- DE 2015000157 W 20150325

Abstract (en)

[origin: WO2015149743A1] The invention relates to an actuating device for opening a door or flap, comprising a movably supported inertial mass (7, 9) for avoiding unintentional opening of the door or flap in the event that a specified acceleration is exceeded. Levers are provided for moving the inertial mass (7, 9). When the inertial mass (7, 9) is moved out of an initial position of the inertial mass, the lever ratios change in such a way that the force progression is thereby promoted. In the event of a crash, the opening of a door or flap is avoided by means of the actuating device. The actuating device can nevertheless be actuated relatively comfortably with low expenditure of energy.

IPC 8 full level

E05B 77/06 (2014.01); **E05B 77/36** (2014.01); **E05B 77/38** (2014.01)

CPC (source: CN EP US)

E05B 77/06 (2013.01 - CN EP US); **E05B 77/38** (2013.01 - EP US); **E05B 77/36** (2013.01 - EP US); **Y10S 292/22** (2013.01 - US); **Y10T 292/08** (2015.04 - US); **Y10T 292/57** (2015.04 - US)

Citation (search report)

See references of WO 2015149743A1

Cited by

DE102022113051A1; WO2023227158A1

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)

DE 102014004550 A1 20151001; CN 106460416 A 20170222; CN 106460416 B 20191029; EP 3126599 A1 20170208; EP 3126599 B1 20191127; US 10829963 B2 20201110; US 2017107743 A1 20170420; WO 2015149743 A1 20151008

DOCDB simple family (application)

DE 102014004550 A 20140331; CN 201580028562 A 20150325; DE 2015000157 W 20150325; EP 15727298 A 20150325; US 201515129223 A 20150325