

Title (en)

Lock with a blocking lever having a balanced centre of gravity

Title (de)

Schloss mit Blockadehebel nebst austariertem Schwerpunkt

Title (fr)

Serrure avec un levier de blocage à centre de gravité rééquilibré

Publication

EP 2400088 B1 20170322 (DE)

Application

EP 11170170 A 20090612

Priority

- EP 09761787 A 20090612
- DE 102008028256 A 20080613

Abstract (en)

[origin: WO2009149684A1] The invention relates to a closing device (1) comprising at least one locking mechanism (2) having a rotary latch (3), a swivelable first pawl (4) and a second pawl (5) with which the first pawl (4) can be blocked from being swiveled. The closing device (1) further comprises a motor-driven actuating mechanism (6) which displaces at least one trigger lever (7) in such a manner that the trigger lever (7), during its movement, cooperates with both pawls (4, 5) one after the other. The closing device is used to lock or unlock seat backs of motor vehicles.

IPC 8 full level

E05B 85/26 (2014.01); **E05B 15/04** (2006.01); **E05B 81/14** (2014.01)

CPC (source: EP US)

E05B 81/14 (2013.01 - EP US); **E05B 85/26** (2013.01 - EP US); **E05B 2015/0486** (2013.01 - EP US); **Y10T 292/1047** (2015.04 - EP US); **Y10T 292/1082** (2015.04 - EP US)

Cited by

DE102012207440A1; DE102012207442A1

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009149684 A1 20091217; CN 102084073 A 20110601; CN 102084073 B 20130327; DE 102008028256 A1 20091224; DE 502009014839 C5 20240307; EP 2291568 A1 20110309; EP 2291568 B1 20130710; EP 2304139 A2 20110406; EP 2304139 B1 20180321; EP 2400088 A1 20111228; EP 2400088 B1 20170322; US 2011204690 A1 20110825; US 8757679 B2 20140624; WO 2009150225 A2 20091217; WO 2009150225 A3 20110303

DOCDB simple family (application)

DE 2009000738 W 20090526; CN 200980131568 A 20090526; DE 102008028256 A 20080613; DE 502009014839 A 20090612; EP 09761306 A 20090526; EP 09761787 A 20090612; EP 11170170 A 20090612; EP 2009057287 W 20090612; US 99758809 A 20090526