

Title (en)
WEDGE RELEASE DEVICE

Title (de)
KEILFREIGABEVORRICHTUNG

Title (fr)
DISPOSITIF DE LIBÉRATION DE CALE

Publication
EP 2186977 B1 20190522 (EN)

Application
EP 09175105 A 20091105

Priority
FI 20086071 A 20081112

Abstract (en)
[origin: EP2186977A2] The lock (5) for the passive door (3) within a double door (1) according to the invention comprises handle control means (9) and a wedge release device (8). The wedge release device comprises a latch (12), a spring (13), a sliding part (14) and a stopper part (15). The stopper part comprises a stem part (16), and the sliding part (14) is arranged together with the stem part (16) to move in the axial direction of the stem part. The sliding part (14) comprises a handle control surface (18) that allows the sliding part (14) to be moved using the handle control means of the lock (5) in the axial direction of the stem part (16) when a handle connected to the lock is turned.

IPC 8 full level
E05C 7/04 (2006.01); **E05B 63/18** (2006.01); **E05B 63/24** (2006.01)

CPC (source: EP FI)
E05B 9/00 (2013.01 - FI); **E05B 63/185** (2013.01 - EP); **E05C 7/04** (2013.01 - FI); **E05C 7/06** (2013.01 - EP); **E05B 63/04** (2013.01 - EP)

Cited by
CN113492920A

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 SM TR

DOCDB simple family (publication)
EP 2186977 A2 20100519; EP 2186977 A3 20130529; EP 2186977 B1 20190522; DK 2186977 T3 20190805; FI 124212 B1 20140515; FI 124212 B 20140515; FI 20086071 A0 20081112; FI 20086071 A 20100513; LT 2186977 T 20191111; RU 2009141753 A 20110520; RU 2507361 C2 20140220

DOCDB simple family (application)
EP 09175105 A 20091105; DK 09175105 T 20091105; FI 20086071 A 20081112; LT 09175105 T 20091105; RU 2009141753 A 20091111