

Title (en)
ANTI-VIBRATION DOOR LOCK

Title (de)
ANTIVIBRATIONSTÜRSCHLOSS

Title (fr)
SERRURE DE PORTE ANTI-VIBRATIONS

Publication
EP 3771789 B1 20230111 (EN)

Application
EP 19382676 A 20190802

Priority
EP 19382676 A 20190802

Abstract (en)
[origin: EP3771789A1] Door lock which comprises a latch and a latch-locking system which comprises a short lever and a long lever which maintain their resting position through the action of their respective short lever spring and long lever spring, enabling the unlocking of the latch through the engagement of the long lever and enabling the unlocking of the long lever through the engagement of the short lever, and which additionally comprises an anti-vibration security system, comprising said anti-vibration security system:- one or more masses with freedom of movement,- a latch-locking component,- a locking component for one or more latch-locking components,in which the movement of the mass activates the locking component.

IPC 8 full level
E05B 47/00 (2006.01)

CPC (source: EP)
E05B 47/0047 (2013.01); **E05B 2047/0093** (2013.01)

Citation (opposition)
Opponent : ASSA ABLOY Sicherheitstechnik GmbH
• DE 202016103567 U1 20170504 - ASSA ABLOY SICHERHEITSTECHNIK GMBH [DE]
• US 2066278 A 19361229 - KEIL HENRY F
• FR 2732998 A1 19961018 - RONIS SA [FR]
• EP 2840205 A1 20150225 - BKS GMBH [DE]
• DE 102007004073 A1 20080807 - ASSA ABLOY SICHERHEITSTECHNIK [DE]
• WO 2010060623 A1 20100603 - ASSA ABLOY SICHERHEITSTECHNIK [DE], et al
• CN 205025221 U 20160210 - YU AIJUN
• DE 102016118074 A1 20180329 - ASSA ABLOY SICHERHEITSTECHNIK GMBH [DE]
• EP 2924204 A1 20150930 - ASSA ABLOY SICHERHEITSTECHNIK [DE]
• WO 2011015323 A1 20110210 - ASSA ABLOY SICHERHEITSTECHNIK [DE], et al
• DE 10329636 A1 20050127 - FUSS FRITZ GMBH & CO [DE]

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

DOCDB simple family (publication)
EP 3771789 A1 20210203; EP 3771789 B1 20230111; ES 2939747 T3 20230426

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