

Title (en)
PROTECTIVE DEVICE FOR CYLINDER LOCK

Title (de)
SCHUTZVORRICHTUNG FÜR SCHLIESSZYLINDER

Title (fr)
DISPOSITIF DE PROTECTION POUR SERRURE À BARILLET

Publication
EP 3043010 A4 20170621 (EN)

Application
EP 14843525 A 20140613

Priority
• JP 2013188724 A 20130911
• JP 2014065719 W 20140613

Abstract (en)
[origin: EP3043010A1] A protective device for a cylinder lock is provided in which a shutter plate supported on a casing so as to be capable of opening and closing a mechanical key insertion hole is capable of moving to an open position when a magnet lock is unlocked by a magnet key, wherein a restricting member (50) is disposed in the casing so as to be capable of moving between a restriction position in which the shutter plate (26) urged to an open position side is restricted to the closed position and a restriction release position, a slide member (64) that is slidably housed in the casing not only enables an insertion operation of the magnet key to an unlocked position but can also be moved from the unlocked position to a pushed-in position, and restriction release means (67) is provided between the slide member (64) and the restricting member (50) and moves the restricting member (50) to the restriction release position in response to the slide member (64) being pushed in to the pushed-in position in a state in which the magnet lock (25) is unlocked. This enables a shutter plate to be moved from a closed position to an open position by operation of a magnet key in one direction.

IPC 8 full level
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CPC (source: EP)
E05B 17/142 (2013.01); **E05B 19/043** (2013.01)

Citation (search report)
• [A] JP 2009121228 A 20090604 - HONDA LOCK MFG CO LTD
• [A] WO 2011070430 A1 20110616 - MINDA CORP LTD [IN], et al
• [A] CN 2415097 Y 20010117 - SU LIANGJIN [CN]
• [A] WO 2007088765 A1 20070809 - HONDA LOCK KK [JP], et al
• [A] JP 2010168882 A 20100805 - ASAHI DENSO CO LTD
• See also references of WO 2015037297A1

Designated contracting state (EPC)
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BR 112016005195 B1 20211207; CN 105531431 A 20160427; CN 105531431 B 20170222; JP 2015055094 A 20150323;
JP 6061093 B2 20170118; WO 2015037297 A1 20150319

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