Title (en)

Mechanism for door shackles comprising a sealing ring and method of disassembling such a shackle

Title (de)

Mechanismus für Türgriffe mit einem Sicherungsring und Verfahren zur Demontage eines solchen Türgriffs

Title (fr)

Mécanisme pour poignées avec un circlip et procédé de démontage d'une telle poignée

Publication

EP 1722113 A2 20061115 (EN)

Application

EP 06116488 A 20040116

Priority

• EP 04425018 A 20040116
• IT BS20030026 A 20030307

Abstract (en)

Mechanism for door shackles (15), comprising a support body (2) to be fastened to a door and having a hole (3), a rotary element (16) associated to said support body (2) and having an engagement portion (16a) to be associated to a shackle (15), and an elastic element (17) placed between the support body (2) and the rotary element (16) and having a first end (17a) associated to an operating portion (18) of the support body (2) and a second end (17b) associated to an operating portion (19) of the rotary element (16), said support body (2), rotary element (16) and elastic element (17) defining an elastic return mechanism (14) for a shackle (15). The mechanism for door shackles (15) further comprises an elastic sealing ring (24) placed beside said rotary element (16) and to be movably associated to an operating end (15a) of a shackle (15) so as to fasten said operating end (15a) to said rotary element (16).

IPC 8 full level

F16B 21/18 (2006.01); **E05B 3/06** (2006.01); **E05B 15/02** (2006.01); E05B 63/00 (2006.01)

CPC (source: EP)

E05B 3/065 (2013.01); **E05B 15/02** (2013.01); E05B 3/06 (2013.01); E05B 63/0056 (2013.01); E05B 2015/0462 (2013.01)

Cited by

EP2182144A1; CN106677610A; ITBS20080211A1; US2018128013A1; US2018298635A1; US10920451B2; WO2012016360A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL MK

DOCDB simple family (publication)

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