

Title (en)
Lock with anti-torque security device

Title (de)
Schloss mit Gegendrehmomentsicherheitsvorrichtung

Title (fr)
Serrure avec dispositif de sécurité anti-couple

Publication
EP 1632624 A3 20070509 (EN)

Application
EP 05107951 A 20050831

Priority
IT TO20040584 A 20040903

Abstract (en)
[origin: EP1632624A2] The lock, particularly for a motor vehicle door, comprises: a fixed bush (10) that defines a cylindrical cavity (12) in which a cylinder (16) rotates about the axis (14) of the cavity (12), and a bolt operating member (28) controlled by a nose (30) that protrudes from the distal end of the said cylinder (16), passing through a central opening defined by an annular flange (32) located at the distal end of the bush (10). At least one respective axially extending tooth (36, 38) protrudes from the facing surfaces of the distal end of the cylinder (16) and of the annular flange (32), the said teeth (36, 38) being able to interfere with each other and thus prevent the cylinder (16) rotating when the latter is pushed towards the distal end of the bush (10).

IPC 8 full level
E05B 17/20 (2006.01); **E05B 9/08** (2006.01)

CPC (source: EP)
E05B 17/0062 (2013.01); **E05B 9/04** (2013.01); **E05B 17/04** (2013.01); **E05B 2009/047** (2013.01)

Citation (search report)
• [A] US 2004434 A 19350611 - FITZ GERALD JOHN W
• [A] DE 2748408 A1 19790503 - DAIMLER BENZ AG
• [A] EP 0514232 A1 19921119 - FICHET BAUCHE [FR]

Cited by
EP2169151A1; AT501753B1; EP3002395A1; FR3026768A1; ITTO20080709A1; EP3006651A4; RU2632282C2; WO2012138534A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1632624 A2 20060308; **EP 1632624 A3 20070509**; **EP 1632624 B1 20090701**; DE 602005015170 D1 20090813;
IT TO20040584 A1 20041203

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