

Title (en)
External unit for door lock

Title (de)
Externe Einheit für Türschloss

Title (fr)
Unité externe pour serrure de porte

Publication
EP 0870888 A3 20000614 (EN)

Application
EP 98302675 A 19980406

Priority
ES 9700943 U 19970411

Abstract (en)
[origin: EP0870888A2] An exterior unit (1) for controlling access via doors with a lock which can normally only be operated from the inside, comprises a combination key cylinder (2) to prevent or enable access from the exterior, a fixed support housing (3) in which the combination cylinder (2) is insertable from the front (1a) of the exterior unit (1), by sliding it longitudinally into the support housing (3), a sliding catch (4) incorporated in the support housing (3) and co-operating in the inserted position of the cylinder (2), with an aligned transverse cavity (5) which is provided in at least one side of the housing of the combination cylinder (2), and into which the tip of the said catch (4) is slideable to retain the combination cylinder (2). A spring (6) is provided for urging the catch into its locking position. The catch (4) has, at the rear, a conical tail (7) which is axially guided in a chamber (3a) of the support housing (3). A radial threaded hole (8) is located in the support housing (3) and accessible from the back (1b) of the exterior unit (1). A grub screw (9), which has a conical tip (9a) which is complementary to the conical form of the conical tail (7) is located in this threaded hole (8), the grub screw (9) being screwable between a first position in which its conical tip (9a) is contained within the threaded hole (8) and a second position in which it extends into the enclosure (3a), to slidably engage the side of the conical tail element (7) and maintain the catch in its combination cylinder retaining position. <IMAGE>

IPC 1-7
E05B 9/08

IPC 8 full level
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CPC (source: EP)
E05B 9/084 (2013.01); **E05B 13/002** (2013.01); **E05B 65/1046** (2013.01); **E05B 63/04** (2013.01)

Citation (search report)
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• [A] US 1777725 A 19301007 - JOHN HINES
• [A] EP 0200912 A2 19861112 - BKS GMBH [DE]

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FR2887278A1; EP3085862A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0870888 A2 19981014; **EP 0870888 A3 20000614**; **EP 0870888 B1 20030604**; ES 1036905 U 19971116; ES 1036905 Y 19980401; RU 2142041 C1 19991127

DOCDB simple family (application)
EP 98302675 A 19980406; ES 9700943 U 19970411; RU 98107000 A 19980410