Title (en)
CYLINDER LOCK AND KEY COMBINATION WITH A BLOCKING ELEMENT IN THE LOCK

Title (de)
ZYLINDERSCHLÜSSEL- UND SCHLOSS-KOMBINATION MIT EINEM SPERRELEMENT IM SCHLOSS

Title (fr)
SERRURE A BARILLET ET CLE COMBINEES COMPORTANT UN ELEMENT DE BLOCAGE DANS LA SERRURE

Publication
EP 2398983 A1 20111228 (EN)

Application
EP 10744024 A 20100218

Priority
• SE 2010050185 W 20100218
• SE 0900208 A 20090218

Abstract (en)
[origin: WO2010096007A1] A cylinder lock and key combination is disclosed. The lock comprises a housing (30) having a cylindrical bore and a cylindrical key plug (33) being rotatably journalled in said cylindrical bore. The key plug has a longitudinal, profiled keyway (34) and means (1, 2) for locking the key plug against rotation in the cylindrical bore unless a correctly cut key is fully inserted into the keyway. The key blade (60) has a cross-sectional profile fitting into said keyway, and a profile groove (61) extending longitudinally along the key blade. The lock comprises a blocking mechanism with at least one blocking element (20), which is movable from a first blocking position, in which a first projecting portion (21) of the cross-sectional profile of the blocking element extends outside the cross-sectional contour of said profile rib, into a second blocking position, in which a second projecting portion (22) extends outside the contour of the rib and is accommodated in a recess (70) in the key blade. Hereby a correctly cut key can be fully inserted.

IPC 8 full level
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CPC (source: EP SE)
E05B 19/0023 (2013.01 - SE); E05B 27/0042 (2013.01 - EP); E05B 27/0078 (2013.01 - SE); E05B 19/0052 (2013.01 - EP); E05B 27/0078 (2013.01 - EP)

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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 SE SI SK SM TR

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AL BA RS

DOCDB simple family (publication)
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