

Title (en)
PROFILED KEY WITH LOCAL RECESS

Title (de)
PROFILIERTER SCHLÜSSEL MIT LOKALER VERTIEFUNG

Title (fr)
CLÉ PROFILÉE COMPORTANT UN CREUX LOCAL

Publication
EP 2398981 A4 20141231 (EN)

Application
EP 10744025 A 20100218

Priority
• SE 2010050187 W 20100218
• SE 0900209 A 20090218

Abstract (en)
[origin: WO2010096008A1] A profiled key for use in an associated cylinder lock provided with a rotatable key plug having a longitudinal keyway. The key has a substantially flat key blade with a longitudinally extending profile groove at a side surface thereof and at least one local recess adjacent to said profile groove. The local recess constitutes a locally expanded portion of said profile groove, and the locally expanded portion of the profile groove has a cross-section with two opposite, non-symmetrical side walls. The local recess will accommodate a blocking element in the lock, and permit full insertion of the key blade into the keyway.

IPC 8 full level
E05B 19/02 (2006.01); **E05B 19/04** (2006.01); **E05B 27/10** (2006.01)

CPC (source: EP SE)
E05B 19/0017 (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)

Citation (search report)
• [XI] AT 392508 B 19910425 - EVVA WERKE [AT]
• [X] US 2005061043 A1 20050324 - WIDEN BO [SE]
• [XI] US 5845525 A 19981208 - WIDEN BO [SE]
• [X] WO 2005008001 A2 20050127 - KABA ILCO CORP [US]
• See references of WO 2010096008A1

Designated contracting state (EPC)
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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2010096008 A1 20100826; CA 2749810 A1 20100826; CA 2749810 C 20130402; EP 2398981 A1 20111228; EP 2398981 A4 20141231;
EP 2398981 B1 20190717; SE 0900209 A1 20100720; SE 533192 C2 20100720

DOCDB simple family (application)
SE 2010050187 W 20100218; CA 2749810 A 20100218; EP 10744025 A 20100218; SE 0900209 A 20090218