

Title (en)
Lock with replaceable bottom pins

Title (de)
Schloss mit auswechselbaren, unteren Zuhaltungen

Title (fr)
Serrure à paillettes inférieures remplaçables

Publication
EP 2811087 A1 20141210 (EN)

Application
EP 13171138 A 20130607

Priority
EP 13171138 A 20130607

Abstract (en)
A lock includes a housing having an axial space and multiple radial top pin holes. Multiple through holes are defined through the housing and located corresponding to the space. A core is located in the space and has multiple radial bottom pin holes which communicate with the top pin holes respectively. A key hole is defined in the first end of the core and a connection member is connected to the second end of the core. The key hole communicates with the bottom pin holes. The housing has a connection portion located corresponding to the connection member. The through holes are located alternatively to the bottom pin holes. When the bottom pin holes are rotated to the through holes and the core moves axially, the connection member is connected to the connection portion. The through holes communicate with the bottom pin holes.

IPC 8 full level
E05B 27/00 (2006.01); **E05B 9/08** (2006.01)

CPC (source: EP)
E05B 9/088 (2013.01); **E05B 27/005** (2013.01)

Citation (search report)
• [A] US 7121127 B1 20061017 - FAN FANG-CHANG [TW]
• [A] US 6810703 B1 20041102 - HUANG CHIH-CHENG [TW], et al
• [A] EP 2500493 A1 20120919 - LIU TIEN-KAO [TW]

Cited by
ITUB20160673A1; WO2017137341A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2811087 A1 20141210; EP 2811087 B1 20170301

DOCDB simple family (application)
EP 13171138 A 20130607