

Title (en)
Locking device

Title (de)
Schliessvorrichtung

Title (fr)
Dispositif de fermeture

Publication
EP 0743411 A3 19970129 (DE)

Application
EP 96105945 A 19960416

Priority
DE 19517728 A 19950515

Abstract (en)
[origin: EP0743411A2] The device has at least one key and a lock cylinder with a cylinder core (4) rotatable in the cylinder housing with a key channel, mechanical tumblers (49-51) for blocking or freeing the cylinder, an actuator for sliding a blocking element for blocking or releasing the cylinder core and a power supply unit. The key contains an electronic code generator and the cylinder housing an electronic code evaluation device which controls the actuator. The electronic code generator contains a transponder (26) and the code evaluation device has a transponder reader (16,17). The power unit (24) is mounted in the cylinder housing (1). The blocking element (23) engages in at least one recess (42,43) on the periphery of the core, at a distance from the key channel in the axial region of the core and contg. the mechanical tumblers.

IPC 1-7
E05B 47/06; **E05B 49/00**

IPC 8 full level
E05B 35/14 (2006.01); **E05B 47/06** (2006.01); **E05B 49/00** (2006.01); **G07C 9/00** (2006.01); **E05B 43/00** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP US)
E05B 35/14 (2013.01 - EP US); **E05B 47/063** (2013.01 - EP US); **G07C 9/00309** (2013.01 - EP US); **E05B 43/005** (2013.01 - EP US); **E05B 47/0012** (2013.01 - EP US); **E05B 2047/0058** (2013.01 - EP US); **E05B 2047/0064** (2013.01 - EP US); **G07C 2009/00777** (2013.01 - EP US); **Y10T 70/7062** (2015.04 - EP US); **Y10T 70/7079** (2015.04 - EP US); **Y10T 70/713** (2015.04 - EP US)

Citation (search report)
• [A] WO 9319267 A1 19930930 - ASSA AB [SE]
• [DA] DE 3517858 A1 19851121 - WAERTSILAE OY AB [FI]
• [DA] EP 0187363 A1 19860716 - BKS GMBH [DE]

Cited by
EP2765263A1; EP3220362A1; WO2010111796A1; CN103867044A; EP0848122A1; AU2005221741B2; FR3001751A1; US8011217B2; US8683833B2; EP2290179A1; US7591160B2; DE10320873A1; DE10320873B4; CH700674A1; FR3048991A1; WO2014101911A1; DE212010000037U1; US8539802B2; US8928453B2

Designated contracting state (EPC)
AT CH DE ES FI FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0743411 A2 19961120; **EP 0743411 A3 19970129**; **EP 0743411 B1 19980819**; **EP 0743411 B2 20040107**; AT E169982 T1 19980915; DE 19517728 A1 19961121; DE 19517728 C2 19981203; DE 59600447 D1 19980924; ES 2122737 T3 19981216; ES 2122737 T5 20040916; US 5826450 A 19981027

DOCDB simple family (application)
EP 96105945 A 19960416; AT 96105945 T 19960416; DE 19517728 A 19950515; DE 59600447 T 19960416; ES 96105945 T 19960416; US 64647296 A 19960508