

Title (en)
ELECTROMAGNETIC LOCK

Title (de)
ELEKTROMAGNETISCHES SCHLOSS

Title (fr)
SERRURE ELECTROMAGNETIQUE

Publication
EP 1268964 A1 20030102 (FR)

Application
EP 01907769 A 20010213

Priority
• FR 0100404 W 20010213
• FR 0004004 A 20000330

Abstract (en)
[origin: WO0175257A1] The invention concerns an electromagnetic lock comprising two parts (1 and 2) one of which consists of an electromagnet and the other comprising a mobile armature (3) capable of moving to counter the return springs when the electromagnet is energized. The invention is characterised in that one of the parts has, at least one protuberance (6), extending from one edge (7) of the corresponding part up to the proximity of the other edge (8), capable of penetrating into a housing (9) of the other part when said parts coincide and the electromagnet is energized, the height of said protuberance being less than the distance normally separating the two parts when the electromagnet is not energized.

IPC 1-7
E05C 19/16

IPC 8 full level
E05C 19/16 (2006.01)

CPC (source: EP US)
E05C 19/168 (2013.01 - EP US); **Y10S 292/55** (2013.01 - EP US); **Y10T 292/1082** (2015.04 - EP US); **Y10T 292/11** (2015.04 - EP US)

Citation (search report)
See references of WO 0175257A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0175257 A1 20011011; AT E347007 T1 20061215; AU 3565501 A 20011015; CA 2403913 A1 20011011; CA 2403913 C 20080819; DE 60124881 D1 20070111; DE 60124881 T2 20070830; EP 1268964 A1 20030102; EP 1268964 B1 20061129; ES 2276767 T3 20070701; FR 2807089 A1 20011005; FR 2807089 B1 20020816; US 2003057715 A1 20030327; US 6880868 B2 20050419; ZA 200207764 B 20031128

DOCDB simple family (application)
FR 0100404 W 20010213; AT 01907769 T 20010213; AU 3565501 A 20010213; CA 2403913 A 20010213; DE 60124881 T 20010213; EP 01907769 A 20010213; ES 01907769 T 20010213; FR 0004004 A 20000330; US 23919702 A 20020927; ZA 200207764 A 20020926