

Title (en)  
Locking device driven by electric motor

Title (de)  
Elektromotorisch angetriebener Verschluss

Title (fr)  
Serrure commandée par moteur électrique

Publication  
**EP 1158121 A3 20030528 (DE)**

Application  
**EP 01110414 A 20010427**

Priority  
DE 10024952 A 20000522

Abstract (en)  
[origin: EP1158121A2] The coupling (18) is associated directly with the drive shaft (22) of the electric motor (21). It is arranged between the first wheel of the toothed reduction gear and the electric motor (21), such that when the drive rod extension is operated from the main lock, the gearing, but not the motor, is turned by it.

IPC 1-7  
**E05B 47/00**; **E05C 9/00**; **E05C 9/02**

IPC 8 full level  
**E05B 47/00** (2006.01); **E05C 9/00** (2006.01); **E05C 9/02** (2006.01); **E05C 9/18** (2006.01)

CPC (source: EP)  
**E05C 9/021** (2013.01); **E05C 9/026** (2013.01); **E05B 47/0012** (2013.01); **E05B 2047/002** (2013.01); **E05B 2047/0027** (2013.01); **E05B 2047/0069** (2013.01); **E05C 9/1841** (2013.01); **E05C 9/1875** (2013.01)

Citation (search report)

- [Y] US 5404737 A 19950411 - HOETZL MANFRED [AT]
- [DY] EP 0434635 A1 19910626 - PREFER COMMERCIALE SRL [IT]
- [DA] DE 3606531 A1 19870903 - FLIETHER KARL GMBH & CO [DE]

Cited by  
EP3118396A1; EP1452675A3; EP1464783A3; FR3048252A1; EP1574642A1; EP2101020A3; ITMI20100027A1; CN107795201A; DE10210945A1; EP1243728A1; EP1340872A3; EP3564466A1; EP2525025B1

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)  
**EP 1158121 A2 20011128**; **EP 1158121 A3 20030528**; **EP 1158121 B1 20050209**; AT E288982 T1 20050215; DE 10024952 A1 20011129; DE 50105282 D1 20050317; DK 1158121 T3 20050613; ES 2233518 T3 20050616

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**EP 01110414 A 20010427**; AT 01110414 T 20010427; DE 10024952 A 20000522; DE 50105282 T 20010427; DK 01110414 T 20010427; ES 01110414 T 20010427