

Title (en)
Door opener

Title (de)
Türöffner

Title (fr)
Dispositif d'ouverture de porte

Publication
EP 1669532 A3 20130213 (DE)

Application
EP 05026157 A 20051201

Priority
• DE 102004058307 A 20041202
• DE 102004060399 A 20041214
• DE 102005032213 A 20050709

Abstract (en)
[origin: EP1669532A2] The device has a decoupling device, which is arranged outside door-closer (10). An actuated door-opening lever (11) is connected with the door to be opened. The decoupling device is arranged between the motor (2) and door opening lever and the decoupling of the door-opening lever is actuated during the opening of door. An independent claim is also included for the door opener.

IPC 8 full level
E05F 15/12 (2006.01); **E05F 3/22** (2006.01)

CPC (source: EP)
E05F 3/224 (2013.01); **E05F 15/63** (2015.01); **E05F 15/72** (2015.01); **E05Y 2201/214** (2013.01); **E05Y 2201/24** (2013.01); **E05Y 2201/656** (2013.01); **E05Y 2800/25** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)
• [XA] WO 8911578 A1 19891130 - SOEDERHAMN INNOVATION AB [SE]
• [XY] DE 4124282 A1 19930128 - DORMA GMBH & CO KG [DE]
• [IA] EP 1428966 A2 20040616 - NEUDECKER & JOLITZ GMBH & CO F [DE]
• [Y] GB 855813 A 19601207 - NEWMAN WILLIAM & SONS LTD, et al
• [A] US 3114541 A 19631217 - COFFEY CHARLES F
• [XP] WO 2005031099 A2 20050407 - SANIDOOOR LLC [US], et al

Cited by
FR2950645A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1669532 A2 20060614; EP 1669532 A3 20130213; DE 102005032213 A1 20060608

DOCDB simple family (application)
EP 05026157 A 20051201; DE 102005032213 A 20050709