

Title (en)
Door opener

Title (de)
Türöffner

Title (fr)
Dispositif d'ouverture de porte

Publication
EP 2312094 A3 20120704 (DE)

Application
EP 10013617 A 20101014

Priority
DE 102009049968 A 20091019

Abstract (en)
[origin: EP2312094A2] The opener (1) has a downstream angle bracket (5) arranged in rotatably mounted roller (4). An electro magnet (2) cooperates with a rotatably mounted anchor (3), which is extended through a pivotal point (8) of the anchor with a compensator (14) that blocks and de-blocks the roller. A flat surface (16) is arranged on the compensator and cooperates with another flat surface in the roller. Another pivotal point (9) of the roller is arranged such that the angle bracket swivels from housing (19) during releasing process of the roller.

IPC 8 full level
E05B 15/02 (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)
E05B 47/0047 (2013.01); **E05B 15/0245** (2013.01); **E05B 2047/0074** (2013.01)

Citation (search report)

- [X] DE 155494 C
- [X] US 1880850 A 19321004 - DAUTRICK OWEN L
- [X] GB 693213 A 19530624 - WILLIAM CHARLES DAVEY
- [X] FR 891087 A 19440225
- [X] US 2039433 A 19360505 - HOWARD MCNEILL

Cited by
CN104975763A; EP3109381A1

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 2312094 A2 20110420; EP 2312094 A3 20120704; DE 102009049968 A1 20110421

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EP 10013617 A 20101014; DE 102009049968 A 20091019