

Title (en)
Door actuator

Title (de)
Türbetätiger

Title (fr)
Actionnement de porte

Publication
EP 2617924 A3 20141203 (DE)

Application
EP 12008130 A 20121205

Priority
DE 102012100414 A 20120119

Abstract (en)
[origin: EP2617924A2] The door actuator (1) has a housing (2) and an output shaft (3), which is mounted in the housing and is connected with a door leaf for mutual force transmission. A spring (4) is provided for storing the energy for closing or opening the door leaf, and a traction unit (7) is provided for transmitting force between the output shaft and the spring. An end (8) of the traction unit is arranged on the output shaft in a winding- and unwinding manner, and the other end (9) of the traction unit is connected with the spring.

IPC 8 full level
E05F 1/10 (2006.01); **E05F 3/10** (2006.01)

CPC (source: EP)
E05F 1/105 (2013.01); **E05F 1/1066** (2013.01); **E05F 3/10** (2013.01); **E05Y 2201/644** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [X] DE 19632676 A1 19970306 - ECO SCHULTE GMBH & CO KG [DE]
- [X] US 1447630 A 19230306 - RICHTER PAUL C
- [X] WO 2010033044 A1 20100325 - MILETIC VLADIMIR [RS]
- [X] EP 1437476 A2 20040714 - GEZE GMBH [DE]
- [X] DE 19500945 A1 19960229 - GEZE GMBH & CO [DE]

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 2617924 A2 20130724; EP 2617924 A3 20141203; DE 102012100414 A1 20130725

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EP 12008130 A 20121205; DE 102012100414 A 20120119