

Title (en)  
Door closer

Title (de)  
Türbetätiger

Title (fr)  
Ferme-porte

Publication  
**EP 2738334 A3 20170809 (DE)**

Application  
**EP 13005407 A 20131118**

Priority  
DE 102012111535 A 20121128

Abstract (en)  
[origin: EP2738334A2] The door actuator comprises a housing (2) and a driven shaft (3) mounted in the housing in a rotationally movable manner for actuating a door leaf. A piston (5) is linearly guided in the housing and is operatively connected with the driven shaft. The piston comprises a bearing scaffold and a tubular cladding component enclosing the scaffold. An outer surface of the cladding component is guided to an inner surface of the housing.

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

CPC (source: EP)  
**E05F 3/10** (2013.01); **E05F 3/104** (2013.01); **E05F 3/102** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [A] DE 202012100497 U1 20120316 - DORMA GMBH & CO KG [DE]
- [A] EP 1134349 A2 20010919 - FEV ITALIA ARCHAL S R L [IT]

Cited by  
EP3034750A1; EP3885519A1; US9790723B2

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 2738334 A2 20140604; EP 2738334 A3 20170809**; CN 103850560 A 20140611; CN 103850560 B 20171215;  
DE 102012111535 A1 20140528

DOCDB simple family (application)  
**EP 13005407 A 20131118**; CN 201310624805 A 20131128; DE 102012111535 A 20121128