

Title (en)  
DOOR ACTUATOR

Title (de)  
TÜRBETÄTIGER

Title (fr)  
ACTIONNEUR DE PORTE

Publication  
**EP 3401485 B1 20200701 (EN)**

Application  
**EP 17170898 A 20170512**

Priority  
EP 17170898 A 20170512

Abstract (en)  
[origin: EP3401485A1] The present disclosure relates to a door actuator (10), particularly a hydraulic door closer, for a door leaf. The door actuator (10) comprises a housing (12) for mounting to the door leaf, a shaft (14) rotatably supported in the housing (12) for actuating the door leaf. The shaft (14) includes an eccentric cam (28). The door actuator (10) comprises a piston assembly (16), particularly a hybrid piston assembly, including an outer piston unit (30) reciprocatingly supported in the housing (12) to follow the eccentric cam (28), and an inner piston unit (32) reciprocatingly supported in the outer piston unit (30) to follow the eccentric cam (28).

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

CPC (source: CN EP)  
**E05F 1/10** (2013.01 - CN); **E05F 3/104** (2013.01 - EP); **E05F 15/53** (2015.01 - CN); **E05Y 2800/21** (2013.01 - EP); **E05Y 2800/244** (2013.01 - EP)

Cited by  
JP2020193485A; EP3715568A1

Designated contracting state (EPC)  
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**EP 3401485 A1 20181114; EP 3401485 B1 20200701**; CN 108868428 A 20181123; CN 108868428 B 20211019; ES 2808278 T3 20210226

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**EP 17170898 A 20170512**; CN 201810156901 A 20180224; ES 17170898 T 20170512