

Title (en)  
DOOR ACTUATOR

Title (de)  
TÜRBETÄTIGER

Title (fr)  
ACTIONNEUR DE PORTE

Publication  
**EP 4269736 A1 20231101 (EN)**

Application  
**EP 22170791 A 20220429**

Priority  
EP 22170791 A 20220429

Abstract (en)  
The present invention concerns a door actuator (1) for opening and/or closing a door, comprising a housing (2) with a housing wall (3), the housing wall (3) enclosing a central inner space (4), the central inner space (4) accommodates hydraulic fluid and an actuating mechanism (5) for actuating the door, and at least one volume compensator (6), wherein each volume compensator (6) comprising a separate chamber (10) formed in the housing wall (3), a fluid compartment (11) within the chamber (10), the fluid compartment (11) being fluidly connected to the central inner space (4), an enclosed gas compartment (12) within the chamber (10), and a separator (14) separating the fluid compartment (11) from the gas compartment (12), the separator (14) being displaceable to vary the volume of the gas compartment (12) in dependence on the pressure in the fluid compartment (11).

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

CPC (source: EP)  
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• [XYI] DE 102019209264 A1 20201231 - GEZE GMBH [DE]  
• [YA] DE 102015223747 B3 20161215 - GEZE GMBH [DE]

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KH MA MD TN

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