

Title (en)  
PRESSURE MEDIUM OPERATED TORQUE ACTUATOR

Publication  
**EP 0058323 B1 19841017 (DE)**

Application  
**EP 82100652 A 19820130**

Priority  
DE 3104241 A 19810206

Abstract (en)  
[origin: EP0058323A1] 1. A pressure-actuated swing motor (10), more particularly for driving a swing door which is connected by swing arms to a rotating column, having a cylinder (12), an axially displaceable piston (56) therein and a drive shaft (16) which is axially fixed and mounted in a rotatable manner at the front of the cylinder and has at least two curved paths (60, 66) running in a screw-shaped line on a section of the cylinder housing, into which the guide projections (64, 68) connected to the piston engage, characterised in that the bearing (40, 18) of the drive shaft (16, 46) of the swing motor (10) for the mounting of the swing motor (10) and the rotating column (154) consisting of one part which is connected in a rigid manner to the drive shaft (16, 46) and the swing door (160) are positioned such that the lower face (112) of the swing motor housing (12, 34) has fixing holes arranged symmetrically to the axis of rotation for introducing one of the intermediate parts (42) connecting the swing motor (10) to the bodywork (162) of the vehicle in at least four different adjustable positions and that spill valves (118) which are selectively interchangeable for standard compressed air supply devices are arranged on the housing (112), whose supply devices (126) are positioned in a mirror-inverted fashion on facing sides.

IPC 1-7  
**E05F 15/04**

IPC 8 full level  
**E05F 15/04** (2006.01); **E05F 15/54** (2015.01)

CPC (source: EP)  
**E05F 15/54** (2015.01); **E05Y 2900/132** (2013.01)

Citation (examination)  
• GB 2073815 A 19811021 - IFE GMBH  
• DE 2538529 A1 19770303 - HOLZER WALTER

Cited by  
EP2543807A1; WO8704483A1; EP2543807B1

Designated contracting state (EPC)  
AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0058323 A1 19820825; EP 0058323 B1 19841017**; AT E9923 T1 19841115; DE 3104241 A1 19820819

DOCDB simple family (application)  
**EP 82100652 A 19820130**; AT 82100652 T 19820130; DE 3104241 A 19810206