

Publication

EP 0935054 A3 19990818

Application

EP 99100674 A 19990115

Priority

DE 19804225 A 19980204

Abstract (en)

[origin: DE19804225C1] The actuator has a two-part connecting sleeve enclosing the intermediate vol. between the pole surfaces of an electromagnet. The sleeve consists of a ferromagnetic part sleeve (70) attached to an opener magnet (2) and a non-ferromagnetic part sleeve (71) attached to a closer magnet (3).

IPC 1-7

F01L 9/04

IPC 8 full level

F01L 9/20 (2021.01)

CPC (source: EP US)

F01L 9/20 (2021.01 - EP US)

Citation (search report)

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- [A] US 5080323 A 19920114 - KREUTER PETER [DE]
- [AP] DE 29620741 U1 19980326 - FEV MOTORENTECH GMBH & CO KG [DE]
- [A] EP 0810350 A1 19971203 - TOYOTA MOTOR CO LTD [JP]

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19804225 C1 19990506; EP 0935054 A2 19990811; EP 0935054 A3 19990818; US 6037851 A 20000314

DOCDB simple family (application)

DE 19804225 A 19980204; EP 99100674 A 19990115; US 24403599 A 19990204