

Title (en)
ELECTROMAGNETIC ACTUATOR FOR VEHICLES

Publication
EP 0480146 A3 19950712 (DE)

Application
EP 91113833 A 19910819

Priority
DE 4028289 A 19900906

Abstract (en)
[origin: EP0480146A2] In the case of an electromagnetic actuator for motor vehicles with a tractive electromagnet and with a lifting armature, a housing is provided for protecting the actuator from environmental influences such as moisture and dust, which housing completely encloses the tractive electromagnet and partially encloses the lifting armature. A seal is also provided between the housing and the lifting armature. A ventilation aperture is provided on the housing and is connected in a flow-conducting manner to a duct, which connects the ventilation aperture to the surrounding air. <IMAGE>

IPC 1-7
E05B 65/38

IPC 8 full level
E05B 47/06 (2006.01); **H01F 7/16** (2006.01); **E05B 17/00** (2006.01)

CPC (source: EP)
E05B 77/30 (2013.01); **E05B 81/10** (2013.01); **H01F 7/1607** (2013.01); **E05B 77/34** (2013.01); **E05B 77/50** (2013.01)

Citation (search report)

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- [A] DE 3243999 A1 19840530 - BSO STEUERUNGSTECHNIK GMBH [DE]
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- [X] PATENT ABSTRACTS OF JAPAN vol. 013, no. 264 (E - 774) 19 June 1989 (1989-06-19)
- [X] PATENT ABSTRACTS OF JAPAN vol. 006, no. 105 (M - 136) 15 June 1982 (1982-06-15)
- [X] PATENT ABSTRACTS OF JAPAN vol. 005, no. 129 (E - 070) 19 August 1981 (1981-08-19)
- [X] PATENT ABSTRACTS OF JAPAN vol. 005, no. 019 (E - 044) 4 February 1981 (1981-02-04)

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