

Title (en)
Electromagnetic valve

Title (de)
Elektro-Magnetventil

Title (fr)
Electrovanne

Publication
EP 0928893 A3 20020320 (DE)

Application
EP 98121088 A 19981106

Priority
DE 29800347 U 19980112

Abstract (en)
[origin: EP0928893A2] The electromagnetic valve has a magnetic valve (1) in the form of a 2/2-path magnetic valve open when there is not current. It has a valve rod (11) projecting through a guide shell (12) into a keeper cavity (13) which lies in the diesel oil flow. This cavity is sealed off from the outside by at least one O-ring (16, 17). One end of the rod operates the valve closing body (9) and the other is in active connection with a keeper (18) in the fluid-filled anchor cavity.

IPC 1-7
F02M 59/46; **F02M 63/02**

IPC 8 full level
F02M 63/02 (2006.01); **F04B 53/10** (2006.01)

CPC (source: EP US)
F02M 63/0205 (2013.01 - EP US); **F04B 53/1082** (2013.01 - EP US)

Citation (search report)
• [X] US 4083346 A 19780411 - EHEIM FRANZ
• [DY] EP 0451227 A1 19911016 - BOSCH GMBH ROBERT [DE]
• [Y] US 5076227 A 19911231 - KRIEGER KLAUS [DE]
• [A] US 4251052 A 19810217 - HERTFELDER WILHELM, et al

Cited by
DE19946610B4; DE19946610A1

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 29800347 U1 19990512; EP 0928893 A2 19990714; EP 0928893 A3 20020320; JP 3060792 U 19990907; US 6138986 A 20001031

DOCDB simple family (application)
DE 29800347 U 19980112; EP 98121088 A 19981106; JP 9499 U 19990112; US 22818999 A 19990111