

Title (en)  
Electric hydraulic interface

Title (de)  
Elektrisch-Hydraulische Schnittstelle

Title (fr)  
Interface électro-hydraulique

Publication  
**EP 1126177 A3 20031217 (DE)**

Application  
**EP 01101872 A 20010127**

Priority  
DE 10007105 A 20000216

Abstract (en)  
[origin: EP1126177A2] The system has hydraulic components such as a delivery pump with an impeller wheel in a pump housing and an electronically regulated electric motor whose control electronics are mounted in a housing attached to the motor. An electrical plug connector (4,6) in the form of an electrical interface mounted on the pump housing (2) connects an electronic or electrical component (5) connected to the pump housing to the control electronics (3). Independent claims are also included for the following: a multi-way valve, especially a three-way valve, and a centrifugal pump.

IPC 1-7  
**F04D 15/00**

IPC 8 full level  
**F04D 13/06** (2006.01); **F04D 15/00** (2006.01)

CPC (source: EP)  
**F04D 13/06** (2013.01); **F04D 13/0686** (2013.01); **F04D 13/0693** (2013.01); **F04D 15/00** (2013.01); **F04D 15/0066** (2013.01)

Citation (search report)  
• [A] EP 0940565 A2 19990908 - DAIMLER CHRYSLER AG [DE]  
• [A] US 4644909 A 19870224 - NISHIKATA MASAHIRO [JP], et al  
• [A] EP 0877463 A2 19981111 - WILO GMBH [DE]  
• [A] DE 3807832 A1 19881006 - OPLAENDER WILO WERK GMBH [DE]

Cited by  
EP3020975A1; EP2199621A3

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1126177 A2 20010822; EP 1126177 A3 20031217; EP 1126177 B1 20060809**; DE 10007105 A1 20010823; DE 50110652 D1 20060921

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