

Title (en)
Electrical connector for electrovalves

Title (de)
Elektrischer Verbinder für Elektroventile

Title (fr)
Connecteur électrique pour électrovalves

Publication
EP 0700130 A2 19960306 (EN)

Application
EP 95830367 A 19950825

Priority
IT TO940175 U 19940831

Abstract (en)
An electrical connector suitable for electrical connection to electrovalves for the control of fluids (air, gases, vapours, liquids etc.) having blade-like connection contacts. The invention consists in providing a connector having elastic, self-cleaning sliding contacts with termination with screw terminal with possibility of soldering or pressure connection by means of insulation displacement of the wire, protected connection of the electronic components assembled on the printed circuit-board, internal arrangement of a luminous device (LED), transmission of the light to the exterior with visibility of the same at any angle, a captive sealing member, an "olive" cable locking seal, a clamp for locking the cable with elastic segments having a high tensile strength, a male exit threading for adapters and ring nut of several types that can be locked without the use of wrenches, connection outlet for circular connectors, snap-on tag for marking and identification of the connector. <MATH>

IPC 1-7
H01R 23/10; **H01R 13/52**; **H01R 13/58**; **H01R 13/46**

IPC 8 full level
H01R 13/46 (2006.01); **H01R 13/52** (2006.01); **H01R 13/717** (2006.01); **H01R 24/00** (2006.01); **H01R 13/66** (2006.01)

CPC (source: EP)
H01R 13/465 (2013.01); **H01R 13/5205** (2013.01); **H01R 13/717** (2013.01); **H01R 13/7172** (2013.01); **H01R 13/7175** (2013.01); **H01R 13/6215** (2013.01); **H01R 13/6658** (2013.01)

Cited by
DE102012003997B4; DE20003225U1; EP0917248A3; CN109782636A; EP1686657A1; GB2320820A; EP0841722A1; US5890928A; CN117559171A; US7581982B2; WO2007093344A1; EP1984988B1

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

DOCDB simple family (publication)
EP 0700130 A2 19960306; **EP 0700130 A3 19961211**; IT 232522 Y1 20000110; IT TO940175 U1 19960302; IT TO940175 V0 19940831

DOCDB simple family (application)
EP 95830367 A 19950825; IT TO940175 U 19940831