

Title (en)

Connecting block with mounting modules and one magnetic valve each for fluids.

Title (de)

Fluidische Anschlussleiste mit Grundplattenmodulen und jeweils einem Magnetventil.

Title (fr)

Bord de distribution des fluides ayant des plaques modulaires et une soupape magnétique par module.

Publication

EP 0464966 B1 19951115 (DE)

Application

EP 91250072 A 19910314

Priority

DE 4020791 A 19900628

Abstract (en)

[origin: US5180318A] A solenoid valve battery includes in each case a solenoid valve (9), which exhibits coil contacts and can be constructed advantageously for the variation of the number of device components for the handling of connections and for cable assembly as well as with respect to its device size. A pluggable connector module (13) is furnished for the contacting of the protective grounded conductor (19), of the signal line, and of the neutral conductor (20). At least one protective grounded conductor (19) and/or a parallel running neutral conductor (20) are through-connected and running in the longitudinal extension direction (17) of the strip. The grounded conductor (19) and the neutral conductor (20) can be contacted by plugging the connector modules (13) together in longitudinal direction. A signal line (21) is furnished individually at each connector module (13) and includes a connector clamp (23) at an input (22) and a connection to the corresponding coil contact (20a) at an output (24).

IPC 1-7

F15B 13/08; **H01R 13/514**; **F16K 27/00**; **F16K 31/06**

IPC 8 full level

F15B 13/00 (2006.01); **F15B 13/08** (2006.01); **F16K 27/00** (2006.01); **F16K 31/06** (2006.01); **H01R 13/514** (2006.01)

CPC (source: EP US)

F15B 13/0817 (2013.01 - EP US); **F15B 13/0821** (2013.01 - EP US); **F15B 13/0828** (2013.01 - EP US); **F15B 13/0839** (2013.01 - EP US); **F15B 13/0857** (2013.01 - EP US); **Y10S 439/928** (2013.01 - EP US); **Y10T 137/87885** (2015.04 - EP US)

Cited by

US5439021A; EP0587170A3; US5533544A; DE4200894A1; US5295511A

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

US 5180318 A 19930119; AT E130407 T1 19951215; DE 4020791 C1 19910606; DE 59106893 D1 19951221; EP 0464966 A1 19920108; EP 0464966 B1 19951115

DOCDB simple family (application)

US 72193291 A 19910627; AT 91250072 T 19910314; DE 4020791 A 19900628; DE 59106893 T 19910314; EP 91250072 A 19910314