

Title (en)

Device for transmission of control signals to valves

Title (de)

Einrichtung zur Übermittlung von Steuersignalen an Ventile

Title (fr)

Dispositif pour la transmission de signaux de commande à des vannes

Publication

**EP 0853366 A3 19981209 (DE)**

Application

**EP 97250353 A 19971121**

Priority

DE 19653714 A 19961210

Abstract (en)

[origin: DE19653714C1] The device transmits the control signals between a bus-line (1) and a number of controlled valves (7-10,13,14) of a valve block via interface elements (3-6,11,12) with input and output contacts for connecting the interface elements in series. Each interface element is associated with at least one valve, with its input contacts coupled to its output contacts via internal cables, with active interface elements (3,11) each provided with a decoder chip connected to the bus-line and having control terminals for the associated valve and further terminals coupled to the other valves via respective passive interface elements.

IPC 1-7

**H02J 13/00**

IPC 8 full level

**F15B 13/00** (2006.01); **F15B 13/08** (2006.01); **F15B 21/08** (2006.01); **H02J 13/00** (2006.01)

CPC (source: EP)

**F15B 13/0857** (2013.01); **F15B 13/0867** (2013.01); **F15B 13/0882** (2013.01); **F15B 21/085** (2013.01)

Citation (search report)

- [Y] DE 4444024 A1 19960613 - FESTO KG [DE]
- [Y] EP 0452658 A1 19911023 - MERTEN GMBH & CO KG GEB [DE]
- [A] CH 683021 A5 19931231 - WALTER AG

Cited by

US11002267B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19653714 C1 19971211**; DE 59709494 D1 20030417; EP 0853366 A2 19980715; EP 0853366 A3 19981209; EP 0853366 B1 20030312

DOCDB simple family (application)

**DE 19653714 A 19961210**; DE 59709494 T 19971121; EP 97250353 A 19971121