

Title (en)

Coupling device for a control valve in a multi-component metering installation

Title (de)

Kupplungsvorrichtung für ein Steuerventil in einer Mehrkomponenten-Dosieranlage

Title (fr)

Dispositif d'accouplement pour une vanne de régulation dans une installation de dosage pour plusieurs composants

Publication

EP 0870960 A3 20000927 (DE)

Application

EP 98106003 A 19980402

Priority

- DE 19714328 A 19970408
- DE 29802741 U 19980218

Abstract (en)

[origin: EP0870960A2] The coupling system for dosing valves, in a multi-component dosing assembly, has a closing body (AK) of a dosing valve (DVx) at each coupling counter piece (2). In the uncoupled setting (P0), the coupling piece (3) is moved by a slide along a rail (5) with the dosing valves to a given dosing valve (DVx) to be operated. In the coupled position, the coupling piece (3) and the counter piece (2) form a control valve for the dosing valve (DVx) to be used.

IPC 1-7

F16K 31/06; G05D 11/13; B01F 13/10

IPC 8 full level

B01F 15/04 (2006.01)

CPC (source: EP)

B01F 35/71805 (2022.01); **B01F 35/882** (2022.01); **B01F 2101/30** (2022.01)

Citation (search report)

- [A] US 5039061 A 19910813 - HEARD DANIEL B [US], et al
- [A] EP 0287708 A2 19881026 - COLOR SERVICE SRL [IT]
- [A] EP 0099252 A2 19840125 - INT PAINT PLC [GB]
- [A] EP 0715883 A1 19960612 - DROMONT S R L [IT]
- [A] US 5474211 A 19951212 - HELLENBERG LEENDERT [NL]

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US6921000B2; WO03047737A1

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)

EP 0870960 A2 19981014; **EP 0870960 A3 20000927**; **EP 0870960 B1 20030115**; **EP 0870960 B3 20100210**

DOCDB simple family (application)

EP 98106003 A 19980402