

Title (en)

Colour change valve assembly of a coating installation

Title (de)

Farbwechselventilanordnung einer Beschichtungsanlage

Title (fr)

Ensemble de valves de changement de couleur d'une installation de revêtement

Publication

EP 1502659 B1 20060222 (DE)

Application

EP 04016360 A 20040712

Priority

DE 10334410 A 20030728

Abstract (en)

[origin: EP1502659A1] The colour change valve arrangement for the selective connecting of an application component of a coating plane to feed lines for coating material has valve unit for the optional colours each with an outlet orifice for coating material flowing to the application component, forming a valve seat, a movable valve needle (20) with a sealing face, at least one piston (11) connected to the needle, and a device formed especially by a spring (13) which exerts on the valve needle a force directed in opposition to the pressure of the pressure medium (DL) acting on the piston.

IPC 8 full level

B05B 12/14 (2006.01); **A62C 2/08** (2006.01); **B05B 1/14** (2006.01); **E21F 5/04** (2006.01); **F23D 11/38** (2006.01)

CPC (source: EP US)

B05B 12/149 (2013.01 - EP US); **Y10T 137/85978** (2015.04 - EP US)

Cited by

CN112338924A; EP2853312A3; DE102007029195A1; US10668491B2; US10870117B2; DE102006058562A1; US8333164B2; EP2853312A2

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DOCDB simple family (publication)

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