

Title (en)

Method and valve arrangement for controlling colour change in a coating installation

Title (de)

Verfahren und Ventilanordnung zum Steuern des Farbwechsels in einer Beschichtungsanlage

Title (fr)

Procédé ainsi qu'ensemble de valves pour commander le changement de couleur dans une installation de revêtement

Publication

EP 1384518 A3 20051116 (DE)

Application

EP 03016337 A 20030718

Priority

DE 10233404 A 20020723

Abstract (en)

[origin: EP1384518A2] The paint channel (10) at the paint color change unit, of a paint spraying assembly, is closed off by a slide (6) before a valve (F1-F5) is opened for the selected paint. This reduces the volume of paint in the channel, to be flushed out through the outlet (4) before using the next paint. The valves are needle valves, with a drive (9) to open and close the paint feed channels (12) into the paint channel.

IPC 1-7

B05B 12/14

IPC 8 full level

B05B 12/14 (2006.01)

CPC (source: EP)

B05B 12/1481 (2013.01); **B05B 12/149** (2013.01)

Citation (search report)

- [XAY] EP 1134027 A2 20010919 - NISSAN MOTOR [JP], et al
- [Y] DE 19846073 A1 20000427 - DAIMLER CHRYSLER AG [DE]

Cited by

EP2425899A1; US8636029B2; EP2361691A1

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