

Title (en)

Process and system for supplying paint to a coating installation

Title (de)

Verfahren und System zur Farbversorgung einer Beschichtungsanlage

Title (fr)

Système et procédé d'alimentation en peinture d'une installation de revêtement

Publication

**EP 0983798 B1 20041110 (DE)**

Application

**EP 99115895 A 19990812**

Priority

DE 19838805 A 19980826

Abstract (en)

[origin: EP0983798A2] The paint supply system for a coating assembly, especially the paint shop for mass produced vehicle bodywork components, has a turntable (10). At least two filled paint containers (A,B) are connected selectively to a spray unit (5), carried from a supply point (23) to a transfer point (8). A take-off point (7) at the transfer station (8) gives the spray unit (5) a linear movement. The directions of the linear movements of both paint containers (A, B) between the transfer points and the take-off (7) forms an angle between them through their path intersection so that, when a container is taken, it is replaced immediately with a full container. The turntable (10) is mounted to a paint robot along a movement axis, to be carried with it. The system is operated by a self-learning control.

IPC 1-7

**B05B 12/14**

IPC 8 full level

**B05B 5/16** (2006.01); **B05B 12/14** (2006.01)

CPC (source: EP)

**B05B 12/1463** (2013.01)

Cited by

EP1862269A3; EP1252935A3; CN113747977A

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DOCDB simple family (publication)

**EP 0983798 A2 20000308**; **EP 0983798 A3 20030305**; **EP 0983798 B1 20041110**; AT E281891 T1 20041115; DE 19838805 A1 20000309; DE 59911032 D1 20041216; ES 2232057 T3 20050516

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