

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)

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EP1862269A3; EP1252935A3; CN113747977A

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