

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 A3 20030305 (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)

Citation (search report)

- [PX] EP 0880998 A2 19981202 - HINO MOTORS LTD [JP], et al
- [AD] EP 0796665 A2 19970924 - DUERR SYSTEMS GMBH [DE]
- [A] DE 19616668 A1 19971106 - AUDI AG [DE]
- [A] US 5630552 A 19970520 - ANFINDSEN OLE A [NO], et al

Cited by

EP1252935A3; CN113747977A; EP1862269A3

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 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

DOCDB simple family (application)

**EP 99115895 A 19990812**; AT 99115895 T 19990812; DE 19838805 A 19980826; DE 59911032 T 19990812; ES 99115895 T 19990812