

Title (en)

Process and device to supply metered material to a coating apparatus

Title (de)

Verfahren und Versorgungssystem zur dosierten Materialversorgung einer Beschichtungsvorrichtung

Title (fr)

Procède et dispositif de réglage de fourniture des quantités de matériaux dosées à un dispositif de revêtement

Publication

EP 1475161 A3 20050629 (DE)

Application

EP 04010482 A 20040503

Priority

DE 10320147 A 20030506

Abstract (en)

[origin: EP1475161A2] The method involves feeding coating and/or flushing material into a cylinder (12A,B) of a dosing unit (10A,B) and feeding it into the coating arrangement (1), especially via a line (27A,B) with a scraper. A piston is moved in the cylinder by a drive controlled to fill or empty the cylinder with a defined quantity of coating and/or flushing material. The pressure of the material in, fed to or removed from the cylinder is measured by a sensor (DSA,DSB) and coating system parameters are monitored using the resulting measurement signal. Independent claims are also included for the following: (a) a supply system for dosed material supply for a coating arrangement (b) and a dosing unit for an inventive system.

IPC 1-7

B05B 12/14; **B05B 15/06**

IPC 8 full level

B05B 5/08 (2006.01); **B05B 5/16** (2006.01); **B05B 12/10** (2006.01); **B05B 12/14** (2006.01); **B05B 15/06** (2006.01)

CPC (source: EP)

B05B 5/1633 (2013.01); **B05B 12/1481** (2013.01)

Citation (search report)

[DX] DE 10065608 A1 20010809 - HYUNDAI MOTOR CO LTD [KR]

Cited by

EP1772194A3; CN108176531A; US8020784B2; EP1772194A2; EP2036618A1

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DOCDB simple family (publication)

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