

Title (en)

Method and device for changing the coating material in an installation for projecting coating material

Title (de)

Verfahren und Vorrichtung zur Wechselung von Beschichtungsmaterial in einer Anlage zum Spritzen von Beschichtungsmaterialien

Title (fr)

Procédé et dispositif de changement de produit dans une installation de projection de produits de revêtement

Publication

EP 0687506 A1 19951220 (FR)

Application

EP 95401105 A 19950512

Priority

FR 9405939 A 19940516

Abstract (en)

The installation comprises a pipe (52) for supplying the coating product to the sprayer (53) and a purge diverter (55) for controlled flushing out (57) near one end of the pipe. The purge diverter has two branches (55a,55b) which can be interrupted by valves (56,59). One branch (55b) includes a calibrated restrictor (58). There is an injection phase of air and solvent into the pipe followed by a filling stage of the pipe with a new product until this reaches the diverter. The local flow section is temporarily reduced towards the diverter at a time after the end of the air and solvent injection phase and before the end of the filling phase. The end of the filling phase is controlled by a signal from a product sensor (60) located in the diverter.

IPC 1-7

B05B 12/14

IPC 8 full level

B05B 12/14 (2006.01)

CPC (source: EP)

B05B 12/14 (2013.01)

Citation (search report)

- [A] DE 9106610 U1 19911002
- [A] US 3450092 A 19690617 - KOCK ERHARD

Designated contracting state (EPC)

BE DE ES GB IT SE

DOCDB simple family (publication)

FR 2719790 A1 19951117; FR 2719790 B1 19960712; DE 69507989 D1 19990408; DE 69507989 T2 19991007; EP 0687506 A1 19951220; EP 0687506 B1 19990303; ES 2128007 T3 19990501

DOCDB simple family (application)

FR 9405939 A 19940516; DE 69507989 T 19950512; EP 95401105 A 19950512; ES 95401105 T 19950512