

Title (en)

Application apparatus comprising a volumetric pump

Title (de)

Auftragsvorrichtung mit volumetrischer Förderpumpe

Title (fr)

Dispositif applicateur comprenant une pompe volumétrique

Publication

EP 1691076 A1 20060816 (DE)

Application

EP 05001627 A 20050127

Priority

EP 05001627 A 20050127

Abstract (en)

The pump (30) is volumetric, e.g. it is a positive-displacement or metering pump, and the coated material is pumped through a return line (70) between the pump outlet opening and the pump inlet opening. A return line valve (60) permits return flow, controlling it by throttling. Its orifice is varied in accordance with coating material pressure at the inlet side, opening with increasing pressure and vice versa. An independent claim is included for the corresponding method.

IPC 8 full level

F04C 2/107 (2006.01); **B05B 9/04** (2006.01)

CPC (source: EP)

B05B 9/002 (2013.01); **B05B 9/0416** (2013.01)

Citation (applicant)

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- DE 686631 C 19400113 - BREV MOINEAU S A R L SOC D EXP
- EP 0713974 A1 19960529 - NETZSCH MOHNOPUMPEN GMBH [DE]

Citation (search report)

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Designated contracting state (EPC)

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