

Title (en)

Method and piston metering apparatus for metered delivery of material to a coating apparatus

Title (de)

Verfahren und Kolbendosierer zur dosierten Materialversorgung einer Beschichtungsvorrichtung

Title (fr)

Procédé et dispositif de dosage pour l'alimentation en matériau d'un appareil de revêtement.

Publication

EP 1666158 B1 20091118 (DE)

Application

EP 05111273 A 20051124

Priority

DE 102004058053 A 20041201

Abstract (en)

[origin: EP1666158A2] The method involves a dosing cylinder (11) which has two regions (1,2) with one inlet (1a,2a) with inlet line arrangement (L1a,L2a) and another outlet (1b,2b) with outlet line arrangement (L1b,L2b) to which a controller is connected. The coating material is conveyed to the coating device (Z) alternately from each of the two areas through its outlet during filling through the inlet in each of the two areas. Independent claims are also included for the following: (A) Dosing piston of coating device; and (B) Coating system.

IPC 8 full level

B05B 5/16 (2006.01)

CPC (source: EP)

B05B 5/1633 (2013.01); **B05B 5/1675** (2013.01)

Cited by

RU2649445C2; CN113280263A; JP2010512241A; CN111921736A; US9662673B2; DE102007029195A1; US8418647B2; US10898917B2; WO2012113514A1; WO2017137562A1; WO2014124736A1; WO2008071273A3; DE102006058562A1; US8333164B2; EP2853312A2; EP2036618A1

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DOCDB simple family (publication)

EP 1666158 A2 20060607; **EP 1666158 A3 20080813**; **EP 1666158 B1 20091118**; AT E448880 T1 20091215; DE 102004058053 A1 20060614; DE 102004058053 B4 20061228; DE 502005008525 D1 20091231; ES 2336576 T3 20100414

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