

Title (en)

Powder spray coating facility and powder spray coating method

Title (de)

Pulversprühbeschichtungsanlage und Pulversprühbeschichtungsverfahren

Title (fr)

Installation de revêtement par poudre vaporisée et procédé de revêtement par poudre vaporisée

Publication

EP 1952892 B1 20140326 (DE)

Application

EP 07120752 A 20071115

Priority

DE 102007005309 A 20070202

Abstract (en)

[origin: EP1952892A1] The powder spraying coating plant has a reclaiming powder storage container (48-2) is arranged on the way of the reclaiming powder from a cyclone filter (48) to the intermediate container (24) for intermediate storage of the reclaiming powder. A controller (3) is provided, which is functionally connected with the sensors (S1,S3), and is formed for automatic controlling of the powder spraying coating plant. A powder requirement signal is available from a buffer container-sensor (S1) and a recycling powder-information signal is available from a storage container-sensor (S3). An independent claim is also included for a powder spraying coating method, particularly for operating the powder spraying coating plant.

IPC 8 full level

B05B 7/14 (2006.01); **B05B 12/08** (2006.01); **B05B 12/14** (2006.01)

CPC (source: EP US)

B05B 7/1454 (2013.01 - EP US); **B05B 7/1472** (2013.01 - EP US); **B05B 12/081** (2013.01 - EP US); **B05B 12/14** (2013.01 - EP US); **B05B 14/48** (2018.01 - EP US)

Cited by

CN105324180A; US9834391B2; WO2014202342A1

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EP 1952892 A1 20080806; **EP 1952892 B1 20140326**; DE 102007005309 A1 20080807; US 2008187658 A1 20080807; US 7971551 B2 20110705; WO 2008093180 A1 20080807

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