Title (en)

POWDER SUPPLY BY MEANS OF A DENSE FLUX PUMP FOR A COATING SYSTEM

Title (de)

PULVERVERSORGUNG MITTELS EINER DICHTSTROMPUMPE FÜR EINE BESCHICHTUNGSANLAGE

Title (fr)

ALIMENTATION DE POUDRE AU MOYEN D'UNE POMPE À PHASE DENSE POUR UNE INSTALLATION DE REVÊTEMENT

Publication

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Application

EP 14752645 A 20140819

Priority

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Abstract (en)

[origin: WO2015036205A1] The invention relates to a powder supply device for a powder coating system having at least one powder container (24), which has a powder chamber (22), and having at least one powder dispensing device, which is connected or can be connected to a powder dispensing channel (13) opening into the powder chamber (22) via a powder dispensing opening (36), in order to extract coating powder from the powder chamber (22) during powder coating operation of the powder coating system. In order to achieve as homogeneous and effective a powder conveyance as possible using the powder supply device according to the invention, the at least one powder dispensing device is designed as a powder dense flux pump (4), in particular as a single-chamber powder dense flux pump (200).

IPC 8 full level

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