

Title (en)

FEED METHOD AND DEVICE FOR A POWDERED PRODUCT PROJECTION PLANT

Title (de)

ZUFÜHRUNGS-VORRICHTUNG UND VERFAHREN EINER SPRITZANLAGE FÜR EIN PULVERFÖRMIGES MATERIAL

Title (fr)

PROCEDE ET DISPOSITIF D'ALIMENTATION D'UNE INSTALLATION DE PROJECTION DE PRODUIT PULVERULENT

Publication

**EP 0703832 A1 19960403 (FR)**

Application

**EP 94917032 A 19940519**

Priority

- FR 9400592 W 19940519
- FR 9306137 A 19930524

Abstract (en)

[origin: WO9427731A1] In a coating plant, the powder feed device is cooled permanently in order to avoid the deterioration of the powder which could be caused by an excessively high temperature. The air for the fluidization of the powder contained in the reservoir (1) is cool, dry air. A heat exchanger (30) supplies a closed loop circuit comprising an annular cooling chamber (32) and a coil (33) arranged in the path of the powder. The shaft of the worm screw may also be cooled.

IPC 1-7

**B05B 7/14**

IPC 8 full level

**B05B 7/14** (2006.01)

CPC (source: EP US)

**B05B 7/144** (2013.01 - EP US); **Y10S 198/952** (2013.01 - EP US)

Citation (search report)

See references of WO 9427731A1

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