

Title (en)

METHOD AND DEVICE FOR CONVEYING AND DISTRIBUTING POWDERS IN A GAS STREAM

Title (de)

VERFAHREN UND VORRICHTUNG ZUM FÖRDERN UND VERTEILEN VON PULVERN IN EINEM GASSTROM

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ACHEMINEMENT ET DE DISTRIBUTION DE POUDRES DANS UN COURANT GAZEUX

Publication

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Application

EP 10754292 A 20100824

Priority

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- EP 2010062304 W 20100824

Abstract (en)

[origin: WO2011032807A1] In order to enable the conveyance of extremely fine powders with uniform distribution in the gas stream and to prevent or resolve agglomerations of the powder, according to the invention a closed container (2) is filled up to a maximum fill level (4) with powder (5), the powder is impinged in a periodic sequence via at least one gas inlet (3), but preferably four gas inlets, with a gas that is under overpressure, and the whirled up powder/gas mixture (7) flows out of the container via at least one outlet (6), preferably two outlets, arranged above the maximum fill level of the container.

IPC 8 full level

B05B 7/22 (2006.01)

CPC (source: EP)

B05B 7/205 (2013.01); **C23C 4/12** (2013.01); **H05H 1/42** (2013.01)

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