

Title (en)

Process and device for drying solid, porous particles.

Title (de)

Verfahren und Vorrichtung, um feste, poröse Teilchen zu trocknen.

Title (fr)

Procédé et dispositif pour sécher des particules solides et poreuses.

Publication

EP 0254372 A1 19880127 (EN)

Application

EP 87201395 A 19870721

Priority

- NL 8601923 A 19860724
- NL 8701108 A 19870511

Abstract (en)

Process for drying solid, porous, liquid-containing particles, each particle being caused to rotate individually, at an angular velocity whereby the force the liquid on and within the particle exceeds or exceeds the forces binding the liquid to the particle, the liquid removed from the particle being separated off. Device for treating powdered material, consisting of a two surfaces of equal shape and arranged parallel and at a short distance from each other and driven at relatively different speeds, further having means for feeding the powdered material to the gap between the two surfaces, means for removing the powdered material from the gap between the surfaces, and means for discharging the liquid separated from the powdered material.

IPC 1-7

F26B 5/08; **B29B 13/06**; **C08F 6/10**

IPC 8 full level

F26B 5/08 (2006.01); **F26B 17/28** (2006.01)

CPC (source: EP KR)

B04B 5/00 (2013.01 - KR); **F26B 5/08** (2013.01 - EP); **F26B 17/28** (2013.01 - EP)

Citation (search report)

- [A] NL 7109221 A 19730105
- [A] GB 2068764 A 19810819 - KRAUSS MAFFEI AG
- [A] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 9 (M-185)[1154], 14th January 1983; & JP-A-57 167 208 (KENSAKU NAKAMURA) 15-10-1982

Cited by

EP0536650A1; CN104713314A; NL1022588C2; WO2004070298A1

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