

Title (en)

Method and apparatus for coating pourable materials with a binder

Title (de)

Verfahren und Vorrichtung zum Benetzen von rieselförmigen Gütern mit einem Bindemittel

Title (fr)

Procédé et dispositif pour enrober des matériaux coulant avec un liant

Publication

EP 1504865 A3 20050504 (DE)

Application

EP 04018258 A 20040802

Priority

DE 10336533 A 20030805

Abstract (en)

[origin: EP1504865A2] To soak loose materials with a bonding agent, they are dried to a residual moisture content level of 3-20% and transferred to a conveyor channel (4). They are carried in a heated air stream to the wetting station (7), where a preceding section (8) with a reduced cross section accelerates the flow speed directly in front of it. At the wetting station, the bonding agent is delivered by jets (9), and the saturated material is passed through a dwell section (10), before passing into a conveyor channel (13) using a heated carrier gas giving final drying.

IPC 1-7

B27N 1/02

IPC 8 full level

B27N 1/02 (2006.01)

CPC (source: EP)

B27N 1/02 (2013.01); **B27N 1/0254** (2013.01)

Citation (search report)

- [A] EP 1022103 A2 20000726 - CMP SPA [IT]
- [A] DE 1692852 B1 19710624 - FISKEBY AB
- [DA] EP 0728562 A2 19960828 - SCHENCK AG CARL [DE]
- [A] WO 03037582 A1 20030508 - FRITZ EGGER GMBH & CO [AT], et al

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