

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 B1 20100113 (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 8 full level

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CPC (source: EP)

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Cited by

EP2179826A1; DE102008052961B4; WO2006001717A1; US9511508B2; EP2563558B1; EP2563558A1

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