Title (en)
Method for drying plasterboard and apparatus for implementing the method

Title (de)
Verfahren zum trocknen von Gipskartonplatten und Vorrichtung zur Durchführung des Verfahrens

Title (fr)
Procédé de séchage de plaques de plâtre, dispositif pour sa mise en oeuvre

Publication
EP 1205722 A1 20020515 (FR)

Application
EP 00403098 A 20001108

Priority
EP 00403098 A 20001108

Abstract (en)
The procedure, consisting of panel shaping, hardening with hydration and drying while rotating, has the drying carried out in a drum with one or more drying sections rotating inside a chamber (15), or in two or more drums with different drying sections and recuperation of the latent heat from water condensation, followed by a cooling stage. The drum has a central shaft (13) and hollow radial teeth (14a, 14b, 14c) for circulating hot gases and water vapor.

Abstract (fr)
L'invention a pour objet un procédé de fabrication de plaques de plâtre comprenant les étapes suivantes: (i) formage de la plaque; (ii) durcissement de la plaque avec hydratation; (iii) séchage au cours de la rotation de la plaque. L'invention a aussi pour objet un dispositif pour sa mise en oeuvre. <IMAGE>

IPC 1-7
F26B 15/08; B28B 11/24

IPC 8 full level
F26B 3/04 (2006.01); **B28B 11/24** (2006.01); **B32B 13/08** (2006.01); **F26B 15/02** (2006.01); **F26B 15/08** (2006.01)

CPC (source: EP KR US)
B28B 11/24 (2013.01 - EP US); **F26B 15/08** (2013.01 - EP KR US)

Citation (search report)
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EP 1205722 A1 20020515; AR 031309 A1 20030917; AU 2002223741 B2 20060316; AU 2374102 A 20020521; BR 0115464 A 20030826; CA 2428010 A1 20020516; CN 1253689 C 20060426; CN 1473259 A 20040204; EP 1336072 A1 20030820; IL 155630 A0 20031123; IL 155630 A 20070211; JP 2004520962 A 20040715; KR 20030062330 A 20030723; NO 20032044 D0 20030507; NO 20032044 L 20030702; NZ 525678 A 20051125; PL 360485 A1 20040906; RU 2266818 C2 20051227; UA 75380 C2 20060417; US 2003217799 A1 20031127; WO 0239041 A1 20020516; ZA 200303188 B 20040716

DOCDB simple family (application)
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