

Title (en)

METHOD AND DEVICE FOR FORMING DENSE LAYERS IN A GYPSUM PASTE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BILDUNG VON SCHICHTEN MIT HÖHERER DICHT E IN EINER GIPSPLATTE

Title (fr)

PROCEDE ET DISPOSITIF POUR LA FORMATION DE COUCHES DENSES DANS UNE PLAQUE DE PLATRE

Publication

EP 1389157 B1 20070404 (FR)

Application

EP 02738232 A 20020510

Priority

- FR 0201587 W 20020510
- FR 0106381 A 20010514

Abstract (en)

[origin: US2004134585A1] A process for manufacturing plasterboard and a plasterboard manufacturing unit are provided, the process including feeding hydratable calcium sulphate and water into a first mixer (2) and into a second mixer (3); feeding in a facing (5); preparing a first gypsum slurry in the first mixer (2); preparing a second gypsum slurry in the second mixer (3); applying the first slurry onto the facing and forming a crude surface layer; applying the second slurry onto the crude surface layer and forming a crude core layer with a density lower than that of the crude surface layer; forming a plasterboard; hydrating and drying the board. This process allows the formation of the different layers of gypsum to be controlled independently.

IPC 8 full level

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CPC (source: EP KR US)

B28B 17/023 (2013.01 - EP US); **B28B 19/00** (2013.01 - KR); **B28B 19/0015** (2013.01 - EP US); **B28B 19/0092** (2013.01 - EP US)

Citation (examination)

- EP 0957212 A2 19991117 - BPB PLC [GB]
- EP 0985504 A1 20000315 - UNITED STATES GYPSUM CO [US]
- US 4195110 A 19800325 - DIERKS ROBERT P [US], et al
- JP H05148001 A 19930615 - BPB INDUSTRIES PLC

Cited by

WO2015185143A1; WO2015185251A1

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