

Title (en)

DEVICE FOR PRODUCING SOLID AND HOLLOW GYPSUM WALLBOARD ELEMENTS IN QUICK SUCCESSION

Title (de)

VORRICHTUNG ZUR HERSTELLUNG VON MASSIVEN UND HOHLEN GIPSWANDBAUELEMENTEN IM SCHNELLEN WECHSEL

Title (fr)

DISPOSITIF DE FABRICATION D'ÉLÉMENTS DE CONSTRUCTION MURALE PLEINS ET CREUX EN PLÂTRE LORS D'UN CHANGEMENT RAPIDE

Publication

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Application

EP 16765906 A 20160811

Priority

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Abstract (en)

[origin: WO2017025079A2] The invention relates to a device and a method for producing solid and hollow gypsum construction elements in quick succession, comprising the following features: a) a gypsum silo (6) from which gypsum is conveyed to a gypsum mixer (4) where process water is also added, b) a moulding box (3) for moulding gypsum construction elements, comprising a plurality of parallel-lying moulding chambers (19) with grooved webs (23) on each of the two end faces, each moulding chamber (19) being provided with a displaceable bottom rail (24) and said bottom rail (24) additionally comprising web-like elevations for the purpose of generating profiled structures, c) a number of drive cylinders (21) for the potential vertical displacement of cavity pins (17) in moulding chambers (19), d) a plane cross-bar (20) which can be guided in guiding units (18) over the moulding box (3), for smoothing the surface of the gypsum wallboard elements, e) a number of drive cylinders (22) for vertically ejecting finished gypsum wallboard elements, and f) a rotating device (26) allowing two moulding boxes (3) to be filled within a short time interval.

IPC 8 full level

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