

Title (en)

COMPOSITE GYPSUM BOARD FORMED FROM HIGH-SALT STUCCO AND RELATED METHODS

Title (de)

ZUSAMMENGESETZTE GIPSPLATTE AUS HOCHSALZHALTIGEM STUCK UND ZUGEHÖRIGE VERFAHREN

Title (fr)

PLAQUE DE PLÂTRE COMPOSITE FORMÉE À PARTIR DE STUC À HAUTE TENEUR EN SEL ET PROCÉDÉS ASSOCIÉS

Publication

EP 4081394 A1 20221102 (EN)

Application

EP 20811878 A 20201030

Priority

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- US 202016904779 A 20200618
- CA 3084939 A 20200626
- US 2020058100 W 20201030

Abstract (en)

[origin: CA3084939A1] 5007 CA GYP 218 ABSTRACT OF THE DISCLOSURE Disclosed are a composite gypsum board and a method of preparing gypsum board. The board contains at least one set gypsum layer sandwiched between face and back cover sheets. The set gypsum layer is formed from at least stucco and water. The stucco material generally includes a high salt impurity content, for example, when the stucco is calcined from certain sources of low-quality synthetic gypsum. For example, in some embodiments, the salts are chloride salts, e.g., sodium chloride (NaCl), potassium chloride (KCl), magnesium chloride (MgCl₂), and/or calcium chloride (CaCl₂). The board and methods improve the bond between the gypsum layer(s) and at least one of the cover sheets (e.g., the back cover sheet). Also provided are methods and systems relating to drying gypsum board. Date Recue/Date Received 2020-06-26

IPC 8 full level

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C-Set (source: EP)

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