

Title (en)

Method of manufacturing a cement-bound board with a printed decorative layer

Title (de)

Verfahren zur Herstellung einer Zementgebundene Platte mit einer aufgedruckten Dekorschicht

Title (fr)

Procédé de fabrication d'une Plaque reliée par ciment dotée d'une couche de décor imprimée

Publication

EP 2314462 B1 20121212 (DE)

Application

EP 09173630 A 20091021

Priority

EP 09173630 A 20091021

Abstract (en)

[origin: EP2314462A1] The board has a decorative layer imprinted on a top side or a bottom side. A protective layer is applied on the decorative layer and includes UV-resistant lacquer. The decorative layer is imprinted using an inkjet printer. The UV-resistant lacquer is used in the form of clear lacquer. The UV-resistant lacquer includes additives such as pigments, abrasion-resistant particles, flame retardant and/or conductive substances. A back pull coating, sound-insulating layer and/or heat-insulating layer is used in the board. An independent claim is also included for a method for producing a cementitious board provided with a top side, a bottom side and a decorative layer.

IPC 8 full level

B44C 5/04 (2006.01); **B41J 3/407** (2006.01); **B41M 5/00** (2006.01)

CPC (source: EP)

B41M 7/0045 (2013.01); **B41M 7/0081** (2013.01); **B41M 7/009** (2013.01); **B44C 5/04** (2013.01); **E04F 13/0871** (2013.01); **E04F 15/102** (2013.01); **E04F 15/107** (2013.01); **E04F 15/203** (2013.01)

Cited by

EP2803783A3; DE102014014912A1; EP2906428A4; DE102013102915A1; US10315386B2; US9931667B2; US9701583B2; US10240089B2; US10538459B2; EP3348419A1; KR20190084283A; WO2018130401A1; US10414692B2; US11142480B2; US10442733B2; US11155499B2; US9890083B2; US10077597B2; US10435941B2; US10876352B2; US11072562B2

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