

Title (en)

Full wall element of cement stabilised wood wool, method to produce it and building method using it

Title (de)

Volles Wandelement aus zementstabilisierter Holzwole, Verfahren zu seiner Herstellung und Bauverfahren zu seiner Anwendung

Title (fr)

Élément de paroi pleine de laine de bois stabilisée au ciment, son procédé de fabrication et procédé de construction qui l'utilise

Publication

EP 1786988 B1 20110223 (EN)

Application

EP 05771613 A 20050810

Priority

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- SE 0401994 A 20040810

Abstract (en)

[origin: WO2006016844A1] Construction elements for walls comprising cement-bound wood wool with chases arranged in the upper edge and along the sides. The construction elements are manufactured of a mixture of wood wool, cement and water, with a weight ratio between wood wool and cement of 1:1.88 and 1:1.92, which is cast in steel moulds. The finished elements have a density of 200-300 kg/m3. A construction system for small buildings comprises the above-described construction elements, which are laterally joined with vertical, concrete columns moulded on site as well as a horizontal ring beam which is cast on site in the upper edge of the element. The elements are placed on the bedding with aid of a guiding rail made by perforated plate and are attached using plaster. The rafters are anchored in a capping piece by aid of angle steel.

IPC 8 full level

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IPC 8 main group level

E04C (2006.01)

CPC (source: EP SE)

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