

Title (en)

A method for manufacturing a building by using a frame element, a frame element and tightening and locking pieces for a frame element

Title (de)

Verfahren zum Bau eines Gebäudes durch Nutzung eines Rahmenelementes, Rahmenelement sowie Spann- und Verriegelungsvorrichtung für ein Rahmenelement

Title (fr)

Méthode de construction d'un bâtiment par l'emploi d'un cadre, cadre ainsi que pièce de serrage et de fixation pour un cadre

Publication

EP 1681407 A3 20130626 (EN)

Application

EP 06396002 A 20060113

Priority

FI 20050042 A 20050114

Abstract (en)

[origin: EP1681407A2] A method to manufacture a house using a multi-purpose frame element, whereby the frame element is formed of two metal profile joists, at a distance from each other, and of wooden beams (2) placed between them to adjust their distance from installed wooden beams (2). The length the of the frame element is adjusted by means of the length chosen for wooden beams (2) and said wooden beams (2) are bound to the metal profiles by means of a tightening and locking stretching member (3), which is fitted to fitted to twine both around wooden beam (2) in its longitudinal direction and around attaching part (4) included in the metal profile joist (1) and the formed frame element is used as support frame for the needs of the building industry.

IPC 8 full level

E04G 17/04 (2006.01); **E04C 3/292** (2006.01); **E04C 3/38** (2006.01); **E04G 11/12** (2006.01); **E04B 2/86** (2006.01)

IPC 8 main group level

E04C (2006.01)

CPC (source: EP)

E04C 3/292 (2013.01); **E04C 3/38** (2013.01); **E04G 17/042** (2013.01); **E04G 17/045** (2013.01); **E04B 2/8647** (2013.01); **E04B 2002/8688** (2013.01)

Citation (search report)

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- [X] US 2002020799 A1 20020221 - MCSWAIN GREGORY A [US]
- [A] CA 2225846 A1 19990910 - WILSON ROSS [CA]

Cited by

US8793950B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

EP 1681407 A2 20060719; **EP 1681407 A3 20130626**; **EP 1681407 B1 20160720**; FI 117299 B 20060831; FI 20050042 A0 20050114; FI 20050042 A 20060715

DOCDB simple family (application)

EP 06396002 A 20060113; FI 20050042 A 20050114