Title (en)

FRAME SECTION TO BE USED AS A MODULAR STRUCTURAL ELEMENT FOR BUILDINGS, METHOD FOR THE PRODUCTION THEREOF

Title (de)

RAHMENTEIL ZUR VERWENDUNG ALS MODULARES BAUELEMENT FÜR GEBÄUDE, SOWIE VERFAHREN ZUR HERSTELLUNG EINES DERARTIGEN RAHMENTEILS

Title (fr)

CADRE DESTINE A ETRE UTILISE COMME ELEMENT DE CONSTRUCTION MODULAIRE POUR DES BATIMENTS ET PROCEDE DE FABRICATION D'UN TEL CADRE

Publication

EP 0970284 B1 20010808 (DE)

Application

EP 98924019 A 19980318

Priority

• DE 9800795 W 19980318
• DE 19712347 A 19970325

Abstract (en)

[origin: US6519907B1] Modular construction elements are produced by assembling cross posts and longitudinal posts to form a frame of exact specification having a void between the assembled posts. Planks are affixed to the assembled posts and an insulation medium may be located within the void to enhance performance of the elements. The modular construction elements are interconnected by interposing a joiner therebetween. The joiner has a receptacle casing, a round bolt and a screw structure. When the screw structure is in place and initially engaged with the modular construction elements, it is actuated to urge the elements together in a desirable fashion.

IPC 1-7

E04C 2/38; E04B 1/343; E04B 1/61

IPC 8 full level

E04B 1/10 (2006.01); **E04B 1/343** (2006.01); **E04B 1/61** (2006.01); **E04B 2/56** (2006.01); **E04C 2/38** (2006.01)

CPC (source: EP KR US)

E04B 1/10 (2013.01 - EP US); **E04B 1/6158** (2013.01 - EP US); **E04C 2/38** (2013.01 - EP KR US)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6519907 B1 20030218; AT E204049 T1 20010815; AU 7637498 A 19981020; BG 103767 A 20000229; CA 2284701 A1 19981001; CN 1297505 A 20010530; CZ 295821 B6 20051116; CZ 337899 A3 20000614; DE 19712347 A1 19981001; DE 19880364 D2 20000316; DE 59801173 D1 20010913; DK 0970284 T3 20011217; EA 001288 B1 20001225; EA 199900841 A1 20000424; EE 9900427 A 20000417; EP 0970284 A1 20000112; EP 0970284 B1 20010808; ES 2163866 T3 20020201; HU P0002776 A2 20001228; HU P0002776 A3 20020128; JP 2001518158 A 20011009; KR 20010005576 A 20010115; NO 994483 D0 19990916; NO 994483 L 19991014; PL 335778 A1 20000522; PT 970284 E 20020228; SK 129399 A3 20000612; TR 199902314 T2 20000121; WO 9842932 A1 19981001; YU 47299 A 20001030

DOCDB simple family (application)

US 38188599 A 19990924; AT 98924019 T 19980318; AU 7637498 A 19980318; BG 10376799 A 19990928; CA 2284701 A 19980318; CN 98803703 A 19980318; CZ 337899 A 19980318; DE 19712347 A 19970325; DE 19880364 T 19980318; DE 59801173 T 19980318; DE 9800795 W 19980318; DK 98924019 T 19980318; EA 199900841 A 19980318; EE P9900427 A 19980318; EP 98924019 A 19980318; ES 98924019 T 19980318; HU P0002776 A 19980318; JP 54467898 A 19980318; KR 19997008639 A 19990921; NO 994483 A 19990916; PL 33577898 A 19980318; PT 98924019 T 19980318; SK 129399 A 19980318; TR 9902314 T 19980318; YU 47299 A 19980318