

Title (en)

BUILDING SUPPORT STRUCTURE AND BEAM ASSEMBLING METHOD FOR PRODUCING SUCH A STRUCTURE

Title (de)

GEBÄUDETTRAGESTRUKTUR UND VERFAHREN ZUM VERBINDEN VON BALKEN UM EINE DERARTIGE STRUKTUR ZU BILDEN

Title (fr)

STRUCTURE PORTANTE DE BATIMENT ET PROCEDE D'ASSEMBLAGE DE POUTRES EN VUE DE REALISER UNE TELLE STRUCTURE

Publication

EP 1301666 B1 20060222 (FR)

Application

EP 00966270 A 20001003

Priority

- FR 0002744 W 20001003
- FR 0009490 A 20000719

Abstract (en)

[origin: WO0206598A1] The invention concerns a method for assembling main (1) and secondary (2) beams to produce a building support structure. The invention is characterised in that it consists in positioning at 90 DEG said beams relatively to each other, cutting the ends of said secondary beam, said cut-out being provided to match the profile of the main beam, positioning a linking plate perforated with holes on the ends of said secondary beam, welding said linking plate on the sides of said secondary beam, producing a top opening on the secondary beam (2); on the main beam, producing holes corresponding to the holes pierced in said linking plate, assembling and connecting said beams, and fixing an overlapping top plate (7) on the base of said secondary beam so as to mask the top openings.

IPC 8 full level

E04B 1/24 (2006.01); **E04B 1/58** (2006.01); **E04B 5/14** (2006.01); **E04C 3/06** (2006.01); **E04C 3/07** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP KR)

E04B 1/24 (2013.01 - KR); **E04B 1/2403** (2013.01 - EP); **E04B 5/14** (2013.01 - EP); **E04C 3/06** (2013.01 - EP); **E04C 3/07** (2013.01 - EP); **E04B 2001/2415** (2013.01 - EP); **E04B 2001/2451** (2013.01 - EP); **E04B 2001/2457** (2013.01 - EP); **E04B 2001/2466** (2013.01 - EP); **E04C 2003/0413** (2013.01 - EP); **E04C 2003/0417** (2013.01 - EP); **E04C 2003/0421** (2013.01 - EP); **E04C 2003/043** (2013.01 - EP); **E04C 2003/0469** (2013.01 - EP)

Citation (examination)

US 4562681 A 19860107 - SMITH TODD R [US]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0206598 A1 20020124; AT E318347 T1 20060315; AU 7671800 A 20020130; CA 2416131 A1 20020124; DE 60026154 D1 20060427; EA 004022 B1 20031225; EA 200300167 A1 20030828; EP 1301666 A1 20030416; EP 1301666 B1 20060222; FR 2812009 A1 20020125; FR 2812009 B1 20030214; JP 2004504520 A 20040212; KR 20030023705 A 20030319; MX PA03000475 A 20040910; ZA 200300078 B 20031103

DOCDB simple family (application)

FR 0002744 W 20001003; AT 00966270 T 20001003; AU 7671800 A 20001003; CA 2416131 A 20001003; DE 60026154 T 20001003; EA 200300167 A 20001003; EP 00966270 A 20001003; FR 0009490 A 20000719; JP 2002512479 A 20001003; KR 20037000777 A 20030117; MX PA03000475 A 20001003; ZA 200300078 A 20030103