

Title (en)

Reinforcement structure, mounting element and method for reinforcing the support frame of a ceiling formwork

Title (de)

Aussteifungsstruktur, Befestigungselement und Verfahren zur Aussteifung einer Stützen aufweisenden Unterstellung einer Deckenschalung

Title (fr)

Structure de raidissement, élément de fixation et procédé destiné au raidissement du cadre de support d'un coffrage de plafond

Publication

**EP 1870534 A3 20120502 (DE)**

Application

**EP 07012054 A 20070620**

Priority

- DE 202006009860 U 20060623
- US 81623006 P 20060623

Abstract (en)

[origin: DE202006009860U1] A support frame for the vertical shuttering supports for concrete floors comprises a rectangular frame with horizontal bars (14, 16, 18) between two outer vertical bars (10, 12). Open profile grips (20, 22, 24, 26) are fitted to the vertical bars with the grips directed in parallel and opposing directions to brace onto the vertical shuttering supports. The frame is secure onto the vertical supports via adjustable grip jaws (50, 52) secured by wedges (60, 62).

IPC 8 full level

**E04G 11/48** (2006.01)

CPC (source: EP US)

**E04G 1/14** (2013.01 - EP US); **E04G 7/32** (2013.01 - EP US); **E04G 11/48** (2013.01 - EP US); **E04G 25/00** (2013.01 - EP US)

Citation (search report)

- [XD] DE 3641349 A1 19880616 - ISCHEBECK FRIEDRICH GMBH [DE]
- [YD] FR 2693498 A1 19940114 - HUSSOR ERECTA SA [FR]
- [XD] EP 0252748 A2 19880113 - SGB GROUP PLC [GB]
- [X] US 2004211147 A1 20041028 - VANAGAN PETER [CA]
- [X] DE 2707547 A1 19790111 - BAUMANN WOLFGANG

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**DE 202006009860 U1 20060824**; EP 1870534 A2 20071226; EP 1870534 A3 20120502; US 2008001049 A1 20080103; US 8366068 B2 20130205

DOCDB simple family (application)

**DE 202006009860 U 20060623**; EP 07012054 A 20070620; US 76728207 A 20070622