

Title (en)

MORTAR-LINE REINFORCEMENT FOR STRENGTHENING BRICK OR BLOCK WALLS

Title (de)

MÖRTELLINIENVERSTÄRKUNG ZUR FESTIGUNG VON BACKSTEIN- ODER BLOCKWÄNDEN

Title (fr)

ARMATURE DE JOINT HORIZONTAL POUR RENFORCER LES MURS EN BRIQUES OU EN BLOCS

Publication

EP 2801673 A4 20151007 (EN)

Application

EP 11877386 A 20111214

Priority

ES 2011070864 W 20111214

Abstract (en)

[origin: EP2801673A1] Reinforcement tie (1) for structural which comprises two longitudinal bars or plates (2) connected by internal bars or plates, ending in a female end (3) and a male end (4) that is narrower than the female one (4). In at least one of the male (5) and female ends (4) the cross section of the corresponding internal bars or plates (3) is, totally or partially, less than the cross section of the other internal bars or plates, or in at least one of the male (5) and female ends (4), the corresponding internal bars or plates (3) have an area where the bar or plate (3) changes direction, with this area forming an entrance slot (8).

IPC 8 full level

E04B 1/41 (2006.01); **E04B 2/48** (2006.01); **E04C 2/20** (2006.01); **E04C 5/04** (2006.01); **E04C 5/065** (2006.01)

CPC (source: EP US)

E04B 2/62 (2013.01 - US); **E04C 5/00** (2013.01 - US); **E04C 5/01** (2013.01 - US); **E04C 5/065** (2013.01 - EP US); **E04C 5/163** (2013.01 - EP US); **E04C 5/165** (2013.01 - US); **E04B 2002/0282** (2013.01 - EP US)

Citation (search report)

- [XYI] EP 1431469 A2 20040623 - LEONE SALVATORE [IT]
- [Y] FR 1256060 A 19610317
- [Y] FR 1140966 A 19570822
- [A] FR 590304 A 19250615 - AUXILIAIRE DE GENIE CIVIL SOC
- See references of WO 2013087951A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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EP 2801673 A1 20141112; **EP 2801673 A4 20151007**; CN 104114785 A 20141022; US 2015047294 A1 20150219; WO 2013087951 A1 20130620

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EP 11877386 A 20111214; CN 201180076373 A 20111214; ES 2011070864 W 20111214; US 201114365784 A 20111214