

Title (en)

TOOL FOR JOINING REINFORCING BARS

Title (de)

WERKZEUG ZUM VERBINDEN VON BEWEHRUNGSSTÄBEN

Title (fr)

OUTIL PERMETTANT DE RELIER DES BARRES D'ARMATURE

Publication

EP 2055853 A1 20090506 (EN)

Application

EP 07790278 A 20070723

Priority

- JP 2007000783 W 20070723
- JP 2006227514 A 20060824

Abstract (en)

A reinforcing bar joint 1 includes a sleeve 2 having an elliptic section, and a wedging means 4. The wedging means 4 is composed of wedge members 4a, 4b which are pressed into between reinforcing bars 5a, 5b. The press-in positions of these wedge members 4a, 4b are spaced away from each other so that the reinforcing bars 5a, 5b, the sleeve 2, and the wedge members 4a, 4b are integrated in the area lying between the press-in positions. This can also move the points of action of tensile forces acting on the reinforcing bars outward, thereby increasing the distance between the points of action and reducing the amount of rotation of the sleeve 2.

IPC 8 full level

E04C 5/18 (2006.01); **E04C 5/16** (2006.01)

CPC (source: EP US)

E04C 5/163 (2013.01 - EP US); **E04C 5/165** (2013.01 - EP US)

Cited by

RU2749860C2; US11293182B2; US11332935B2; US11773595B2

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2055853 A1 20090506; **EP 2055853 A4 20140319**; **EP 2055853 B1 20150520**; CN 101506446 A 20090812; JP 5080475 B2 20121121; JP WO2008023456 A1 20100107; TW 200829769 A 20080716; US 2010024344 A1 20100204; WO 2008023456 A1 20080228

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