

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 B1 20150520 (EN)

Application
EP 07790278 A 20070723

Priority
• JP 2007000783 W 20070723
• JP 2006227514 A 20060824

Abstract (en)
[origin: EP2055853A1] 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 5/16 (2006.01); **E04C 5/18** (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

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

DOCDB simple family (publication)
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