

Title (en)
Device for connecting bars end-to-end

Title (de)
Vorrichtung zum Verbinden von Stabenden

Title (fr)
Dispositif pour relier des extrémités de barre

Publication
EP 1898017 A1 20080312 (EN)

Application
EP 06018851 A 20060908

Priority
EP 06018851 A 20060908

Abstract (en)
A device (1) for connecting bar ends (2'), comprising a hollow body (10) having an internal cavity (12) with at least one bar insertion opening (14) and a longitudinal axis extending through the at least one insertion opening (14), and a plurality of radially-adjustable clamping elements (16), wherein the device further comprises at least one locking element (18) movably arranged inside the hollow body, the internal cavity (12) of said body comprises at least one slope (12') that is inclined relative to the longitudinal axis of said body (10), and said at least one locking element (18) each comprises an inclined face (18') that matches the profile of said at least one slope (12') and a gripping face (18'') having at least one protrusion.

IPC 8 full level
E04C 5/16 (2006.01)

CPC (source: EP US)
E04C 5/165 (2013.01 - EP US)

Citation (search report)

- [YA] JP H09228556 A 19970902 - IWAMOTO MINEICHI
- [DY] EP 0554972 A1 19930811 - METAL BOND TECH LTD [GB]
- [A] WO 02064907 A1 20020822 - KIM YONG-KEUN [KR]

Cited by
IT201700069007A1; US2023057280A1; US11988001B2; 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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

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DOCDB simple family (application)
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