

Title (en)

REBAR ANCHORAGE DEVICE AND METHOD FOR CONNECTING SAME TO A REBAR

Title (de)

BEWEHRUNGSSTABVERANKERUNGSVORRICHTUNG UND VERFAHREN ZUR VERBINDUNG DAVON AN EINEN BEWEHRUNGSSTAB

Title (fr)

DISPOSITIF D'ANCRAGE DE BARRE D'ARMATURE ET PROCÉDÉ PERMETTANT DE RELIER CE DERNIER À UNE BARRE D'ARMATURE

Publication

EP 3106583 A1 20161221 (EN)

Application

EP 15172152 A 20150615

Priority

EP 15172152 A 20150615

Abstract (en)

An anchorage device (3) and a method for connecting the device to an upstanding end of a rebar (1) after the opposite end has been embedded in concrete. The anchorage device (1) forms a head around the upstanding end of the rebar (1) that will be covered with concrete to create bearing surfaces to hold the rebar in place within the concrete. The anchorage device (1) includes a barrel (5) having a tapered bore (10) within which to receive the upstanding end of the rebar. A lid (12) extends across the top of the barrel (5), and a threaded bolt (40) is rotated through a threaded hole (38) in the lid and into contact with the upstanding end of the rebar (1) to apply an axial pushing force thereto. A segmented jaw (24) slides through the tapered bore (10) of the barrel (5) into surrounding locking engagement with the upstanding end of the rebar (1) to connect the device thereto.

IPC 8 full level

E04C 5/16 (2006.01); **E04C 5/12** (2006.01)

CPC (source: EP)

E04C 5/161 (2013.01); **E04C 5/122** (2013.01)

Citation (search report)

- [X] US 6513287 B1 20030204 - SORKIN FELIX L [US]
- [A] FR 2289695 A1 19760528 - VORSPANN TECHNIK GMBH [AT]

Cited by

CN110359637A; CN112962867A; CN113323272A; CN109778613A; CN110185140A; CN114517562A; US11414867B2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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