

Title (en)

METHOD AND APPARATUS FOR FIXING METAL STRUCTURES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEFESTIGUNG VON METALLSTRUKTUREN

Title (fr)

PROCEDE ET APPAREIL DE FIXATION DES STRUCTURES METALLIQUES

Publication

EP 1945390 B1 20110921 (EN)

Application

EP 06810004 A 20061002

Priority

- IT 2006000700 W 20061002
- IT BO20050610 A 20051012

Abstract (en)

[origin: WO2007043080A1] The method for fixing metal structures, in particular for the production of metal cages (2), provides for prearranging on a work surface (7) a metal pre-cage (2a) constituted by a series of stirrups (3) suitably spaced out on parallel planes and inserting inside said stirrups (3) at a fixing axis, in a design position (5), a first longitudinal reinforcement bar (4). Then the first bar (4) is tightened to the stirrups (3) through contrasting means (11) and the fixing of such first bar (4), to some of the stirrups (3) composing the pre- cage (2a) at least, is carried out through fixing means (12) acting at the work surface (7). Then the pre-cage (2a) is handled on the work surface (7) so as to prearrange successive bars (4) in order to carry out the fixing of the remaining bars (4) to the stirrups (3) in a similar way.

IPC 8 full level

B21F 27/12 (2006.01)

CPC (source: EP)

B21F 27/125 (2013.01)

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

DOCDB simple family (publication)

WO 2007043080 A1 20070419; AT E525150 T1 20111015; EP 1945390 A1 20080723; EP 1945390 B1 20110921; IT BO20050610 A1 20070413

DOCDB simple family (application)

IT 2006000700 W 20061002; AT 06810004 T 20061002; EP 06810004 A 20061002; IT BO20050610 A 20051012