

Title (en)
APPARATUS FOR MAKING STIRRUPS

Title (de)
VORRICHTUNG ZUR HERSTELLUNG VON BÜGELN

Title (fr)
ÉQUIPEMENT POUR FABRIQUER DES ÉTRIERS

Publication
EP 2714296 B1 20180711 (EN)

Application
EP 12728046 A 20120522

Priority
• IT BO20110293 A 20110523
• EP 2012059478 W 20120522

Abstract (en)
[origin: WO2012160058A1] The apparatus for making stirrups, bidimensional and tridimensional, comprises guide means (4) to feed a metal rod (3) along a feed direction (A), a first fold unit (5) comprising a first central fold mandrel (8) and a first eccentric fold pin (9) rotatable about said first central mandrel (8) for folding said metal rod (3) on a work plane (2), a second fold unit (6) comprising a second central mandrel (10, 18) and a second fold pin (11, 110) mobile about said second central mandrel (10, 8) for folding said metal rod (3) on a folding plane inclined with respect to the work plane (2).

IPC 8 full level
B21D 7/022 (2006.01); **B21D 7/12** (2006.01)

CPC (source: EP)
B21D 7/022 (2013.01); **B21D 7/12** (2013.01); **B21D 11/12** (2013.01)

Cited by
IT202100022250A1; PL444851A1; IT201800007479A1; JP2022503459A; IT202200010457A1; WO2020021582A1

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

DOCDB simple family (publication)
WO 2012160058 A1 20121129; EP 2714296 A1 20140409; EP 2714296 B1 20180711; IT BO20110293 A1 20121124

DOCDB simple family (application)
EP 2012059478 W 20120522; EP 12728046 A 20120522; IT BO20110293 A 20110523