Title (en)

Plant for bending metal bars with automatic loading of the bars, and loading method used in said plant

Title (de)

Vorrichtung und Verfahren zum Biegen von Stäben mit automatischer Zuführung der Stäben

Title (fr)

Dispositif et procédé de cintrage de barres avec alimentation automatique des barres

Publication

EP 2374553 B1 20160601 (EN)

Application

EP 11160005 A 20110328

Priority

IT TO20100279 A 20100412

Abstract (en)

[origin: EP2374553A1] A plant for bending metal bars, in particular bars designed for reinforcing concrete, of the type comprising: - at least one bending unit (2) defining a bending plane and a space (8) for receiving a number of bars to be bent set parallel to one another and on top of one another in a plane orthogonal to the bending plane; and - means for transferring the bars from a magazine of bars, where the bars are set in a bundle right inside said receiving space on said at least one bending unit. The transfer means are designed to pick up a predetermined number of bars from the magazine (M) and feed them one after another into said receiving space (8), keeping them separate and at a distance apart from one another at least in a final step of their being conveyed into the receiving space so as to cause them to reach the receiving space in times that are close to one another but distinct.

IPC 8 full level

B21D 11/12 (2006.01); **B21D 43/00** (2006.01); **B21F 23/00** (2006.01)

CPC (source: EP)

B21D 11/12 (2013.01); **B21D 43/006** (2013.01); **B21F 23/005** (2013.01)

Cited by

CN104275423A; CN110227765A; CN111644539A; ITTO20130454A1; CN109201905A; CN109277439A; CN103406650A; CN109570396A; EP3578278A1; IT201800006164A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2374553 A1 20111012; **EP 2374553 B1 20160601**; IT 1399415 B1 20130416; IT TO20100279 A1 20111013

DOCDB simple family (application)

EP 11160005 A 20110328; IT TO20100279 A 20100412