

Title (en)  
Plant for bending metal bars

Title (de)  
Anlage zum Biegen von Metallstangen

Title (fr)  
Installation pour le cintrage de barres métalliques

Publication  
**EP 2623227 A1 20130807 (EN)**

Application  
**EP 13153175 A 20130130**

Priority  
IT TO20120083 A 20120201

Abstract (en)  
A plant for bending metal bars, in particular bars for reinforcing concrete, comprising: - at least one bending unit (2, 4) defining a bending plane and a space for receiving a number of bars (A, B, C) to be bent, arranged parallel to one another and on top of one another in a plane orthogonal to the bending plane; and - means for aligning the bars with one another, comprising a thrust member (8) mobile in the longitudinal direction of the bars received in said receiving space and designed to act on first ends of said bars. The aforesaid means comprise a stop element (12) provided for acting on second ends of said bars opposite to said first ends, so as to cause the bars to slide on one another as a result of the action of said thrust member, until said bars find themselves substantially aligned with one another.

IPC 8 full level  
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CPC (source: EP)  
**B21D 11/12** (2013.01); **B21D 43/006** (2013.01); **B21D 43/285** (2013.01)

Citation (search report)  
• [YDA] IT 1360184 B1 20090506 - OSCAM SPA  
• [YA] EP 0419441 A1 19910327 - EVG ENTWICKLUNG VERWERT GES [AT]  
• [YA] EP 0188850 A2 19860730 - E SRL SOCIETA AUTOMATISMI ELET [IT]  
• [YA] EP 0564446 A1 19931006 - EVG ENTWICKLUNG VERWERT GES [AT]  
• [YA] EP 0648577 A1 19950419 - OSCAM SPA [IT]  
• [YA] EP 1407839 A1 20040414 - OSCAM SPA [IT]

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)  
**EP 2623227 A1 20130807; EP 2623227 B1 20150318**; IT TO20120083 A1 20130802

DOCDB simple family (application)  
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