

Title (en)

A plant for bending metal bars, with automatic transfer of the bars into the bending position

Title (de)

Anlage zum Biegen von Stäben mit automatischer Zuführung von Stäben in einer Biegestation

Title (fr)

Installation pour le cintrage de barres avec alimentation automatique des barres vers une station de cintrage

Publication

**EP 1529573 A1 20050511 (EN)**

Application

**EP 04026138 A 20041104**

Priority

- IT TO20030888 A 20031107
- IT TO20040203 A 20040325

Abstract (en)

A plant (1) for bending metal bars (B) envisages a stationary structure (11) adjacent to the bending units (2), provided on which are a number of sets of mobile transverse arms (13,14,15), which are controlled for picking up the bars (B) from the stationary structure (11) and unloading them automatically as far as within the receiving space (8) provided on said bending units (2). <IMAGE>

IPC 1-7

**B21D 11/12**; **B21D 43/00**

IPC 8 full level

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

CPC (source: EP)

**B21D 11/12** (2013.01); **B21D 43/006** (2013.01)

Citation (search report)

- [XA] US 4889467 A 19891226 - ZAHLAUS HELMUT [DE]
- [XA] IT 1220843 B 19900621 - OMES OFFICINA MECCANICA DI E S [IT]
- [XA] AT 393641 B 19911125 - EVG ENTWICKLUNG VERWERT GES [ST]
- [A] EP 0432468 A2 19910619 - PEDDINGHAUS CARL ULLRICH DR [DE]
- [DA] EP 1184099 A1 20020306 - OSCAM SPA [IT]
- [DXA] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09 4 September 2002 (2002-09-04)

Cited by

CN109226584A; CN109663871A; CN101985140A; EP2374553A1; ITTO20100279A1; EP1844872A3; CN113263086A; EP3031543A1; IT201700020026A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1529573 A1 20050511**; **EP 1529573 B1 20080827**; AT E406223 T1 20080915; DE 602004016103 D1 20081009; ES 2312902 T3 20090301; IT 1351915 B1 20090115; IT TO20040203 A1 20040625

DOCDB simple family (application)

**EP 04026138 A 20041104**; AT 04026138 T 20041104; DE 602004016103 T 20041104; ES 04026138 T 20041104; IT TO20040203 A 20040325