

Title (en)  
BENDING MACHINE

Publication  
**EP 0123231 B1 19870325 (DE)**

Application  
**EP 84104182 A 19840413**

Priority  
AT 137483 A 19830418

Abstract (en)  
[origin: EP0123231A1] 1. A bending machine for manufacturing sized angular reinforcing rods from reinforcing wire (7), with a bending unit (1) comprising a working surface (A) to which the feed path of the reinforcing wire (7) extends parallel, a core (4) which is vertically displaceable to the working surface (A) and has two bending heads (6) limiting a groove, and a bending tool displaceable parallel to the core (4) and disposed eccentrically at an annular body (5) optionally rotatable in both directions about the core (4), and comprising a cutting device (10, 26) disposed directly ahead of the bending unit (1) and provided with a stationary (10) and a movable cutting edge (26) displaceable vertically to the moving wire (7), characterized in that the annular body (5) is arranged in the bending unit (1) in an axially undisplaceable and turnable manner, and that two independent parallel displaceable bending bolts (8) forming the bending tool are arranged in the annular body (5), an individual displacing device arranged at the annular body (5) being associated with each bending bolt (8).

IPC 1-7  
**B21D 11/12**

IPC 8 full level  
**B21D 11/12** (2006.01)

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

Cited by  
EP1535675A1; DE3546449A1; DE3546448A1; AT501151B1; US8201430B1; DE102017210714A1; CN110958919A; EP0386456A1; FR2646366A1; ES2241392A1; GR880100466A; NL9401473A; EP0517637A1; FR2677282A1; US5349838A; EP0659498A1; US5537852A; EP1129797A3; DE3508809A1; FR2578764A1; US4718265A; US11179760B2; WO9221455A1

Designated contracting state (EPC)  
CH DE FR IT LI NL

DOCDB simple family (publication)  
**EP 0123231 A1 19841031; EP 0123231 B1 19870325**; AT 378700 B 19850910; AT A137483 A 19850215; DE 3462753 D1 19870430

DOCDB simple family (application)  
**EP 84104182 A 19840413**; AT 137483 A 19830418; DE 3462753 T 19840413