

Title (en)

Expulsion device for bars or segments of bars

Title (de)

Ausstossvorrichtung für Profilstäbe oder Profilstabteile

Title (fr)

Dispositif d'expulsion pour barres ou segments de barres

Publication

**EP 1331050 B1 20081001 (EN)**

Application

**EP 03001425 A 20030122**

Priority

IT UD20020013 A 20020124

Abstract (en)

[origin: EP1331050A1] Expulsion device (10) for bars (11), or segments of bars (11a), advancing on a plane of a bending machine (12) to make stirrups, or other shaped elements for reinforcement purposes. The device (10) comprises thruster means (20) movable in a direction orthogonal to the axis of feed (X) of the bar (11), or segment of bar (11a), between a first position of non-interference wherein they are arranged laterally with respect to the bar (11), or segment of bar (11a), and allow it to advance, and a second expulsion position, wherein they act on the bar (11), or segment of bar (11a), to displace it laterally with respect to the axis of feed (X). <IMAGE>

IPC 8 full level

**B21D 43/28** (2006.01); **B21D 11/12** (2006.01); **B21D 43/00** (2006.01)

CPC (source: EP)

**B21D 11/12** (2013.01); **B21D 43/006** (2013.01); **B21D 43/282** (2013.01)

Cited by

CN104747091A; CN104955600A; WO2007141273A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1331050 A1 20030730; EP 1331050 B1 20081001**; AT E409533 T1 20081015; DE 60323768 D1 20081113; DK 1331050 T3 20090209; ES 2316657 T3 20090416; IT UD20020013 A1 20030724

DOCDB simple family (application)

**EP 03001425 A 20030122**; AT 03001425 T 20030122; DE 60323768 T 20030122; DK 03001425 T 20030122; ES 03001425 T 20030122; IT UD20020013 A 20020124