

Title (en)

A bending machine, in particular for sheet steel

Title (de)

Biegemaschine, insbesondere zum Biegen von Stahlblechen

Title (fr)

Machine à cintrer, notamment pour le cintrage de tôles en acier

Publication

EP 1224985 A1 20020724 (EN)

Application

EP 01830029 A 20010119

Priority

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Abstract (en)

The bending machine comprises a bottom die (3) provided with two skates (6) located on either side of an axis of action (x-x) of a punch (1). Each skate (6) bears, on either side of an axis of oscillation of the skate (6), two idle wheels (5) predisposed to interact contactingly with a workpiece (4) to be bent during a pressing action of the punch (1). The machine enables sheet steel to be bent with a low energy consumption on the part of the punch (1) and with a low level of friction on the steel during the bending operation. <IMAGE>

IPC 1-7

B21D 5/02; **B21D 5/01**

IPC 8 full level

B21D 5/02 (2006.01)

CPC (source: EP)

B21D 5/02 (2013.01); **B21D 5/0263** (2013.01)

Citation (search report)

- [X] US 3209576 A 19651005 - FRANCOIS GIORDANO ROGER
- [X] DE 4316774 A1 19941124 - WERKLE ARNO [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 096 (M - 294) 4 May 1984 (1984-05-04)

Cited by

EP2581145A1; CN107073860A; CN107138567A; CN108453157A; CN111842572A

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