

Title (en)

Method and apparatus for bending sheet-like work pieces.

Title (de)

Verfahren und Vorrichtung zum Biegen von plattenförmigen Werkstücken.

Title (fr)

Procédé et appareil pour plier des pièces en tôle.

Publication

**EP 0213667 A2 19870311 (EN)**

Application

**EP 86201380 A 19860806**

Priority

- NL 8502206 A 19850808
- NL 8503471 A 19851218

Abstract (en)

An apparatus for bending sheet-like work pieces comprise a main frame, a die having a longitudinally extending groove, a stamp, a stop for determining the position of a work piece with respect to the die, clamping means for clamping a working piece and a frame. The frame supports the stop and the clamping means and is pivotably around a pivot axis substantially coinciding with the groove of the die. Further the apparatus includes a lifting arm for the work pieces pivotably connected with the main frame. The frame is pivoted into a position extending obliquely downwardly from the pivot axis and a work piece is picked up from a storage location by the lifting arm and is laid on the obliquely pivoted frame. Thereby the work piece automatically shifts against the stop, whereafter the work piece is clamped in the position as determined by the stop and the frame is pivoted into a substantially horizontal position.

IPC 1-7

**B21D 5/02**; **B21D 43/24**

IPC 8 full level

**B21D 5/02** (2006.01); **B21D 43/10** (2006.01); **B21D 43/18** (2006.01)

CPC (source: EP)

**B21D 5/0281** (2013.01); **B21D 43/105** (2013.01); **B21D 43/18** (2013.01)

Cited by

FR2654371A1; CN114589219A; US5528818A; DE102012212345B4; CN113649437A; US5193967A; EP0636435A1; US5555763A; EP0619151A1; WO9401234A3; WO9003857A1; WO9108067A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0213667 A2 19870311**; **EP 0213667 A3 19880914**

DOCDB simple family (application)

**EP 86201380 A 19860806**