

Title (en)

Metal sheet bending unit, particularly for forming lips

Title (de)

Metallblechbiegeeinheit, speziell zum Formen von Lippen

Title (fr)

Dispositif de pliage de feuille métallique, en particulier pour le formage des lèvres

Publication

EP 1433545 A2 20040630 (EN)

Application

EP 03104926 A 20031222

Priority

IT TO20021115 A 20021223

Abstract (en)

A metal sheet bending unit (3), particularly for forming lips (65), has a frame (10) for supporting a metal sheet (19), and a blankholder member (24) movable with respect to the frame (10) between a closed and an open position; the unit (3) also has a bending blade (50), which is movable against a lip (65) of the metal sheet (19) to bend the lip (65), in use, while the metal sheet (19) is held in a fixed position by the blankholder member (24); and the blankholder member (24) and the blade (50) are moved back and forth by respective cam and tappet devices (34, 57), the cams (36, 61) of which are fitted in fixed positions to the same powered transmission shaft (4). <IMAGE>

IPC 1-7

B21D 19/08; **B21D 37/08**

IPC 8 full level

B21D 19/08 (2006.01)

CPC (source: EP)

B21D 19/08 (2013.01)

Cited by

CN117139446A

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 RO SE SI SK TR

DOCDB simple family (publication)

EP 1433545 A2 20040630; **EP 1433545 A3 20050316**; BR 0306173 A 20050524; CN 1537686 A 20041020; IT TO20021115 A1 20040624

DOCDB simple family (application)

EP 03104926 A 20031222; BR 0306173 A 20031222; CN 200310123770 A 20031223; IT TO20021115 A 20021223