

Title (en)
DEVICE FOR FOLDING SHEET METAL

Publication
EP 0039322 B1 19831012 (DE)

Application
EP 81890048 A 19810316

Priority
AT 220380 A 19800424

Abstract (en)
[origin: US4411148A] A press brake comprises at least one driven bending tool, which is adapted to cooperate with a second bending tool. In order to provide a great latitude regarding the bending operations to be performed, the driven bending tool is driven by means of a four-bar linkage, which comprises two crank arms, which are rotatably mounted in a frame, and a link, which connects the crank arms and carries the driven bending tool. An adjusting drive is provided which is power-operable to displace the pivot connecting one of said crank arms to the frame or to change the length of one of said crank arms.

IPC 1-7
B21D 5/04

IPC 8 full level
B21D 5/04 (2006.01)

CPC (source: EP US)
B21D 5/045 (2013.01 - EP US)

Cited by
EP0353680A3; EP0418114A3; EP1057547A1; DE4209259A1; NL1000459C2; CN108698102A; GB2154165A; US4658624A; EP0745442A1; US5743128A; CN1295478C; FR2686276A1; US6470727B1; US6427511B1; WO0043140A1; WO8500766A1

Designated contracting state (EPC)
BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0039322 A1 19811104; EP 0039322 B1 19831012; AR 228054 A1 19830114; AT 363757 B 19810825; AT A220380 A 19810115; BR 8102468 A 19820105; DE 3161151 D1 19831117; JP H0117770 B2 19890403; JP S56168913 A 19811225; MX 152290 A 19850621; US 4411148 A 19831025

DOCDB simple family (application)
EP 81890048 A 19810316; AR 28491081 A 19810408; AT 220380 A 19800424; BR 8102468 A 19810423; DE 3161151 T 19810316; JP 5990581 A 19810422; MX 18701981 A 19810402; US 24722681 A 19810325