

Title (en)
PRESS FOR WORKING METAL SHEETS

Publication
EP 0134776 A3 19871014 (DE)

Application
EP 84890132 A 19840713

Priority
AT 294483 A 19830817

Abstract (en)
[origin: US4541318A] In a press comprising upper and lower turntables for carrying respective sets of upper and lower press tools, each upper press tool is movable to an operating position in which said press tool is adapted to be coupled to a ram. To ensure a free access of the workpiece to the press tools adjacent to the lower press tools, each lower press tool is mounted in the lower turntable to be individually vertically displaceable relative thereto. Only the lower press tool which is in operating position is supported in the frame and the other lower press tools are lowered.

IPC 1-7
B21D 28/12

IPC 8 full level
B21D 28/04 (2006.01); **B21D 28/12** (2006.01); **B21D 28/36** (2006.01); **B21D 43/00** (2006.01)

CPC (source: EP US)
B21D 28/12 (2013.01 - EP US); **Y10T 83/654** (2015.04 - EP US); **Y10T 83/8732** (2015.04 - EP US)

Citation (search report)

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- [AP] GB 2129729 A 19840523 - AMADA CO LTD
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Designated contracting state (EPC)
BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0134776 A2 19850320; EP 0134776 A3 19871014; AT 377457 B 19850325; AT A294483 A 19840815; CA 1225880 A 19870825; ES 535247 A0 19860401; ES 8606123 A1 19860401; JP S6061124 A 19850408; SU 1303017 A3 19870407; US 4541318 A 19850917

DOCDB simple family (application)
EP 84890132 A 19840713; AT 294483 A 19830817; CA 459924 A 19840727; ES 535247 A 19840817; JP 16948484 A 19840815; SU 3781686 A 19840814; US 63378784 A 19840724