

Title (en)
Device for the manufacture of tubes from metal plates

Title (de)
Vorrichtung zum Herstellen von Rohren aus Blechtafeln

Title (fr)
Dispositif pour la fabrication de tubes à partir de tôles

Publication
EP 1382402 A3 20050309 (DE)

Application
EP 03015232 A 20030705

Priority
DE 10232098 A 20020715

Abstract (en)
[origin: EP1382402A2] The device consists of a pipe shaping press with a bending element (4) attached to an upper part (3), an upper shaping tool (8) mounted on its foot (7) and lower press part (2) with a lower shaping tool (5). The upper shaping tool is mounted via a joint arrangement. The upper shaping tool can be mounted by attaching it to the foot of the bending element by a rotary joint (10).

IPC 1-7
B21D 5/01

IPC 8 full level
B21C 37/08 (2006.01); **B21D 5/01** (2006.01)

CPC (source: EP US)
B21C 37/0815 (2013.01 - EP US); **B21D 5/015** (2013.01 - EP US)

Citation (search report)

- [X] DE 1183465 B 19641217 - SIEMPELKAMP GMBH & CO
- [X] PATENT ABSTRACTS OF JAPAN vol. 009, no. 067 (M - 366) 27 March 1985 (1985-03-27)
- [X] PATENT ABSTRACTS OF JAPAN vol. 011, no. 368 (M - 647) 2 December 1987 (1987-12-02)
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 080 (M - 370) 10 April 1985 (1985-04-10)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 26 1 July 2002 (2002-07-01)
- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 124 (M - 218) 28 May 1983 (1983-05-28)

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DE102011053676A1; CN105246613A; CN107855382A; CN112872130A; EP2077165A1; DE102011053676B4; CN107803412A; WO2009023973A1

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DOCDB simple family (publication)
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