

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 B1 20060920 (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 8 full level

**B21D 5/01** (2006.01); **B21C 37/08** (2006.01)

CPC (source: EP US)

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

Cited by

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

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DOCDB simple family (publication)

**EP 1382402 A2 20040121**; **EP 1382402 A3 20050309**; **EP 1382402 B1 20060920**; AT E340039 T1 20061015; DE 10232098 A1 20040205; DE 10232098 B4 20040506; DE 50305093 D1 20061102; JP 2004082219 A 20040318; JP 4002865 B2 20071107; US 2004055356 A1 20040325; US 7004005 B2 20060228

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**EP 03015232 A 20030705**; AT 03015232 T 20030705; DE 10232098 A 20020715; DE 50305093 T 20030705; JP 2003194865 A 20030710; US 61757703 A 20030711