

Title (en)

Method for bending a tube, device for carrying-out the method as well as a corner piece manufactured by this method

Title (de)

Verfahren zum Biegen eines Rohres, Vorrichtung zur Durchführung des Verfahrens sowie ein nach dem Verfahren hergestelltes Winkelstück

Title (fr)

Procédé de pliage d'un tube, dispositif de mise en oeuvre du procédé ainsi que pièce de coin réalisée d'après le procédé

Publication

**EP 0826439 B1 20030416 (DE)**

Application

**EP 97810627 A 19970902**

Priority

CH 215196 A 19960902

Abstract (en)

[origin: EP0826439A1] The method concerns bending of a pipe (1) with a rectangular cross section and a protruding fold (2) which adjoins a pipe outer surface (4) oriented perpendicular to the bending edge, and is compressed during the bending process. The method is characterised by the fact that before or at the start of the bending process, the fold is subjected to a force and is notched on the bending angle bisector intersecting with the bending edge. This force has the same direction as the fold bulge (31) being formed during bending. Also claimed, in addition to an apparatus summarized below, is a resultant angle piece.

IPC 1-7

**B21D 9/14**; **B21D 53/74**

IPC 8 full level

**B21D 7/00** (2006.01); **B21D 53/74** (2006.01)

CPC (source: EP)

**B21D 7/00** (2013.01); **B21D 53/74** (2013.01)

Cited by

DE102009004674A1; DE202018103022U1; EP3574802A1; US2022396223A1; WO2010078882A3

Designated contracting state (EPC)

AT DE ES FR GB

DOCDB simple family (publication)

**EP 0826439 A1 19980304**; **EP 0826439 B1 20030416**; AT E237415 T1 20030515; CH 691795 A5 20011031; DE 59709827 D1 20030522

DOCDB simple family (application)

**EP 97810627 A 19970902**; AT 97810627 T 19970902; CH 215196 A 19960902; DE 59709827 T 19970902