

Title (en)  
PIPE-BENDING MACHINE

Publication  
**EP 0121077 A3 19850123 (DE)**

Application  
**EP 84101784 A 19840221**

Priority  
DE 3311766 A 19830331

Abstract (en)  
[origin: US4604885A] A machine for bending elongate material, more particularly tubular members such as brake lines, fuel lines or the like, includes a central clamping device for the elongate material. Bending heads are located on opposite sides of the clamping device, in opposite directions along the axis of the unbent elongate material. Each of the bending heads has a bending die and a counterpressure die that can be swivelled around the axis of the bending die. The bending heads can be moved independently of one another along the axis of the elongate material and can be swivelled around the axis of the elongate material so as to rotate the respective bending planes formed by the respective bending dies and counterpressure dies.

IPC 1-7  
**B21D 7/02**

IPC 8 full level  
**B21D 7/00** (2006.01); **B21D 7/022** (2006.01); **B21D 7/12** (2006.01)

CPC (source: EP US)  
**B21D 7/022** (2013.01 - EP US); **B21D 7/12** (2013.01 - EP US)

Citation (search report)  
• [A] DE 2918813 A1 19801120 - BRUENINGHAUS GMBH STAHLWERKE  
• [A] US 3472055 A 19691014 - GOBLE HARRY

Cited by  
FR2575944A1; EP1543892A1; AT393640B; EP0281488A1; AU610770B2

Designated contracting state (EPC)  
BE FR GB NL

DOCDB simple family (publication)  
**EP 0121077 A2 19841010; EP 0121077 A3 19850123; EP 0121077 B1 19870408; EP 0121077 B2 19900822**; DE 3311766 A1 19841004;  
DE 3311766 C2 19881229; DE 8309569 U1 19850221; JP H0321243 B2 19910322; JP S59183938 A 19841019; US 4604885 A 19860812

DOCDB simple family (application)  
**EP 84101784 A 19840221**; DE 3311766 A 19830331; DE 8309569 U 19830331; JP 6128484 A 19840330; US 59448584 A 19840327