

Title (en)
UNIVERSAL BENDING MACHINE AND RESPECTIVE METHOD FOR BENDING

Publication
EP 0209876 A3 19871007 (EN)

Application
EP 86109981 A 19860721

Priority
IT 8338385 A 19850722

Abstract (en)
[origin: EP0209876A2] An automatic multiplane bending machine for tube or wire stock from feeding reel (A), comprising in working line: stock straightening means (B), stock drawing or advancing means (C), stock bending means (D), stock cutting means (E) and electronic controlling means to control advancing and bending said stock material (t) to realize multiplane bents (S), wherein said bending means (D) are mounted and rotating around the stock to be bent or to vary the position of the bending plane. With this system is avoided the drawback to cut the stock material before bending when bending in different planes is required.

IPC 1-7
B21D 7/022; **B21D 7/12**

IPC 8 full level
B21D 7/022 (2006.01); **B21D 7/12** (2006.01); **B21D 7/024** (2006.01); **B21F 1/00** (2006.01)

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

Citation (search report)
• [Y] US 3493016 A 19700203 - OTT ERNST G
• [Y] US 4161110 A 19790717 - JAHRBACHER GERT [AT], et al
• [A] US 3373587 A 19680319 - NIKOLAEVICH SHUBIN VLADIMIR, et al
• [A] US 4052878 A 19771011 - CONNELLY DENNIS E

Cited by
ES2597182R1; US6158264A; EP0258109A1; CN115335159A; US5461893A; DE4002127A1; FR2806647A1; EP0431418A3; EP0396489A3; GR890100232A; US6782728B2; US7497105B2; WO0170425A1; WO2021190935A1

Designated contracting state (EPC)
AT BE CH DE FR GB LI NL SE

DOCDB simple family (publication)
EP 0209876 A2 19870128; **EP 0209876 A3 19871007**; IT 1201974 B 19890202; IT 8583383 A0 19850722; JP H0757379 B2 19950621; JP S6257718 A 19870313

DOCDB simple family (application)
EP 86109981 A 19860721; IT 8338385 A 19850722; JP 17267886 A 19860721