

Title (en)

METHOD AND APPARATUS FOR BENDING FLAT METALLIC MATERIAL

Publication

EP 0402927 A3 19910529 (DE)

Application

EP 90111261 A 19900614

Priority

DE 3919626 A 19890615

Abstract (en)

[origin: EP0402927A2] The invention proposes a method and an apparatus for bending flat metallic material, such as a structural steel mat, it being possible to clamp the material to be bent firmly between a support (12) and a holding element (14), which can be lowered. A bending element (16) such as a bending rod, then acts on the material in order to bend it to the desired geometry. The holding element (14) can be pulled out laterally from a bent shape. <IMAGE>

IPC 1-7

B21D 11/12

IPC 8 full level

B21D 5/04 (2006.01)

CPC (source: EP)

B21D 5/042 (2013.01)

Citation (search report)

- [X] FR 1045459 A 19531126
- [A] FR 2263834 A1 19751010 - MULTIER JEAN [FR]
- [A] FR 1052140 A 19540121
- [A] FR 2152967 A1 19730427 - BOCK RUDOLF
- [A] US 4515004 A 19850507 - JAENSON HOWARD W [US]
- [A] BE 624192 A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0402927 A2 19901219; EP 0402927 A3 19910529; DE 3919626 A1 19910103; DE 3919626 C2 19921203

DOCDB simple family (application)

EP 90111261 A 19900614; DE 3919626 A 19890615