

Title (en)  
BENDING MACHINE

Title (de)  
BIEGEMASCHINE

Title (fr)  
CINTREUSE

Publication  
**EP 1064108 B1 20050330 (DE)**

Application  
**EP 00901523 A 20000111**

Priority  
• DE 19901794 A 19990119  
• EP 0000126 W 20000111

Abstract (en)  
[origin: US6324882B1] In order to improve a bending machine for flat material, comprising a machine frame, a lower beam arranged on the machine frame and an upper beam arranged on the machine frame, with which the flat material can be fixed in position, a bending tool moving device, with which a bending tool can be moved, in such a manner that the movements of the bending tool can be realized technically with simple means and precise bending movements of the bending tool can be carried out it is suggested that the bending tool have a bending nose with a curved pressure surface for acting upon one side of the flat material and that the bending tool be movable by the bending tool moving device between a starting bending position and an end bending position on a path about the respective bending edge which is predetermined in a defined manner such that the curved pressure surface and the side of the flat material acted upon move relative to one another in the form of an essentially slide-free rolling on one another.

IPC 1-7  
**B21D 5/04**

IPC 8 full level  
**B21D 5/04** (2006.01)

CPC (source: EP US)  
**B21D 5/042** (2013.01 - EP US)

Cited by  
DE102013106764A1; WO2014206817A1; US10427893B2

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