

Title (en)  
DEVICE FOR MANIPULATING METAL SHEETS

Publication  
**EP 0136598 A3 19850925 (DE)**

Application  
**EP 84110765 A 19840910**

Priority  
AT 350983 A 19831004

Abstract (en)  
[origin: US4708573A] A device for handling metal sheet workpieces for a bending press or other metal-working machine has a pair of vertical plates which are movable along the front of the press and are spanned by guide columns upon which respective slides are movable vertically to carry the tongs. A turntable on the press allows rotation of the plates about horizontal axes in the vertical plane.

IPC 1-7  
**B21D 5/01**; **B21D 5/04**

IPC 8 full level  
**B21D 5/02** (2006.01); **B21D 5/04** (2006.01); **B21D 43/10** (2006.01)

CPC (source: EP US)  
**B21D 5/02** (2013.01 - EP US); **B21D 5/04** (2013.01 - EP US); **B21D 43/105** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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