

Title (en)  
CNC PUNCHING MACHINE

Title (de)  
CNC-STANZMASCHINE

Title (fr)  
MACHINE À ESTAMPER À COMMANDE NUMÉRIQUE PAR ORDINATEUR

Publication  
**EP 2222963 A2 20100901 (DE)**

Application  
**EP 08850334 A 20081110**

Priority  
• EP 2008009468 W 20081110  
• DE 102007054533 A 20071115

Abstract (en)  
[origin: DE102007054533B3] The computer numerical control stamping machine has an electrohydraulic drive containing a linear direct drive (7) and a hydromechanical booster drive (10), whereby the moving element of the linear direct drive acts directly on a sliding control element movable in a guide bore in the z-direction (4) and having two control edges that interact with control edges formed on the guide bore.

IPC 8 full level  
**B21D 28/20** (2006.01); **B21D 28/24** (2006.01); **B30B 15/16** (2006.01); **F15B 9/10** (2006.01)

CPC (source: EP)  
**B21D 28/20** (2013.01); **B21D 28/24** (2013.01); **B30B 15/16** (2013.01)

Citation (search report)  
See references of WO 2009062650A2

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DOCDB simple family (publication)  
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**DE 102007054533 A 20071115**; CN 200880124843 A 20081110; EP 08850334 A 20081110; EP 2008009468 W 20081110; ES 08850334 T 20081110; PT 08850334 T 20081110