

Title (en)  
CNC PUNCHING MACHINE

Title (de)  
CNC-STANZMASCHINE

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

Publication  
**EP 2222963 B1 20151021 (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)  
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DOCDB simple family (publication)  
**DE 102007054533 B3 20090122**; **DE 102007054533 C5 20120405**; CN 102016329 A 20110413; CN 102016329 B 20140709; EP 2222963 A2 20100901; EP 2222963 B1 20151021; ES 2556009 T3 20160112; PT 2222963 E 20160225; WO 2009062650 A2 20090522; WO 2009062650 A3 20100624

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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