

Title (en)
BENDING MACHINE

Title (de)
BIEGEMASCHINE

Title (fr)
MACHINE A CINTRER

Publication
EP 1545808 B1 20070502 (DE)

Application
EP 03740347 A 20030626

Priority
• DE 10245778 A 20020926
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Abstract (en)
[origin: US2005160782A1] The invention concerns a bending machine comprising a machine frame, an upper bar equipped with a tool and a lower bar likewise equipped with a tool, the upper bar and the lower bar being mounted mutually mobile on the frame. The machine comprises at least one drive means for moving the tools of the lower and upper bars towards each other, so as to shape a plate-shaped part to be machined located between said tools. The invention aims at providing that the force exerted by the tools of the lower and upper bars should be the highest possible, at the least possible cost. Therefor, the drive means comprises at least one displacement drive element, to develop an opening and closing movement of the upper bar and the lower bar relative to each other, and at least one force drive element to exert a higher force than that of the displacement drive element, so as to shape the part to be machined which is located between the upper bar tool and the lower bar tool, the displacement drive element being immobilized and locked during the forming operation.

IPC 8 full level
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Cited by
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