

Title (en)

High performance machine with thermal compensation for programmed sheet bending with constant bending angle

Title (de)

Hochleistung-Maschine mit thermischer Kompensation zum programmierten Biegen von Blechen mit konstantem Biegewinkel

Title (fr)

Machine à haute performance à compensation thermique pour le pliage programmé des tôles avec angle de pliage constant

Publication

EP 1304178 B1 20070207 (EN)

Application

EP 02079262 A 20021016

Priority

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Abstract (en)

[origin: EP1304178A2] A sheet metal bending machine is provided with a bending unit (8) moved by hydraulic cylinders (12, 15) with sliding pistons (20, 21). The cylinders (12, 15) are controlled by a closed loop control system comprising temperature measuring means (18) for measuring the cylinder temperature, position detecting means (19) for detecting the piston position and a control unit (17) for varying the rate of hydraulic fluid fed to the cylinders (12, 15) according to the measured cylinder temperature and the detected piston position. <IMAGE>

IPC 8 full level

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CPC (source: EP KR US)

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