

Title (en)

Cold bending machine, operating by controlled drawing of elongated profiles

Title (de)

Kaltbiegemaschine, wirkend durch gesteuertes Ziehen von länglichen Profilen

Title (fr)

Machine de cintrage à froid, travaillante par tirage contrôlé des profilés allongés

Publication

EP 1230996 A2 20020814 (EN)

Application

EP 02002143 A 20020129

Priority

IT VI20010031 A 20010205

Abstract (en)

Computer assisted machine for the cold bending operations, by controlled drawing on the three spatial dimensions, of metallic or composite profiles, in elongated forms, such as the profiles used in the automobile industry. The machine is characterised by the fact that all driving movements, necessary to bend the profile into the desired geometric configuration, are performed by the machine itself, while the tools are made up of only the parts that come in contact with the profile being shaped, during the bending operation. Additionally, the machine is capable of controlling the bending of the materials in a single production lot, or in different lots with varying mechanical characteristics, but otherwise subjected to acceptance specifications, in order to obtain, in all instances, components that respect specified tolerances. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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CN102139300A; CN103157724A; CN104808637A; FR2882947A1; EP1702691A1

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