

Title (en)
Apparatus for measuring the bending angle of a workpiece

Title (de)
Messgerät des Biegewinkels von Werkstücken

Title (fr)
Appareil pour mesurer les angles de pliages de pièces

Publication
EP 1118399 A1 20010725 (EN)

Application
EP 01200091 A 20010111

Priority
NL 1014117 A 20000119

Abstract (en)
An apparatus for measuring the bending angle of a workpiece (1) comprises a housing (7) provided with measuring devices (31) which are disposed on either side of a bending line. Said measuring devices are capable of delivering signals dependent on the movement of the workpiece with respect to a datum plane. The apparatus furthermore comprises a processing unit, which is capable of deriving the overall bending angle of the workpiece from said signals. A first and a second measuring device are disposed on a first side of the bending line, the signals from which measuring devices are dependent on two points of the workpiece located at different distances from the bending line. The processing unit is capable of deriving the sub-angle of bend on the first side of the bending line therefrom. A third measuring device is disposed on the second side of the bending line, which measuring device is capable of delivering a signal dependent on the shifting of a point of the workpiece that is located at a specified distance from the bending line. The processing unit is arranged for determining the sub-angle of bend and the overall bending angle on the basis of the signal from said third measuring device and said specified distance.

IPC 1-7
B21D 5/02

IPC 8 full level
B21D 5/02 (2006.01)

CPC (source: EP)
B21D 5/0209 (2013.01)

Citation (search report)
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• [DA] US 5842366 A 19981201 - KLINGEL HANS [DE], et al
• [A] DE 2044199 A1 19720323

Cited by
AT515672A4; AT515672B1; EP2085162A1; WO2016037208A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1118399 A1 20010725; NL 1014117 C2 20010720

DOCDB simple family (application)
EP 01200091 A 20010111; NL 1014117 A 20000119