

Title (en)

RULER BAND GUIDE FOR THE LATERAL GUIDANCE OF A SHEET

Title (de)

FÜHRUNGSANSCHLAG FÜR DIE SEITLICHE FÜHRUNG EINES BLECHES

Title (fr)

GUIDE POUR LE GUIDAGE LATÉRAL D'UNE FEUILLE

Publication

EP 3599039 B1 20210721 (EN)

Application

EP 19186508 A 20190716

Priority

ES 201831192 U 20180727

Abstract (en)

[origin: EP3599039A1] The present invention relates to a ruler band guide, specifically featuring an inverted L-shape, for the lateral guidance of a metal sheet over a flat cutting matrix, as part of an operation of the cold cutting of the outline of said sheet, which may later be heat-stamped in a subsequent operation to adopt its final 3D configuration. This invention is also applicable when the subsequent process of its final 3D configuration is by cold forming. In particular, the provision of one or more ruler band guides enables the efficient lateral guidance of the sheet to be cut, greatly reducing the chafing of the respective lateral edges of the sheet against the lateral guidance systems, and also reducing the detachment of material; ultimately, improving the quality of the final product obtained from this sheet for its subsequent transformation process.

IPC 8 full level

B21D 43/02 (2006.01); **B26D 7/06** (2006.01)

CPC (source: EP)

B21D 43/023 (2013.01); **B26D 7/0683** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3599039 A1 20200129; **EP 3599039 B1 20210721**; ES 1217784 U 20180921; ES 1217784 Y 20181214; ES 2894880 T3 20220216

DOCDB simple family (application)

EP 19186508 A 20190716; ES 19186508 T 20190716; ES 201831192 U 20180727