

Title (en)

METHOD AND DEVICE FOR MODIFYING THE SHAPE OF SURFACES AND PLATES

Publication

**EP 0074967 B1 19860723 (DE)**

Application

**EP 82900794 A 19820316**

Priority

DE 3111148 A 19810321

Abstract (en)

[origin: WO8203192A1] For the transformation of metal sheets and plates in a united direction, the invention provides an injection of the upper surface of the material by an oblong surface of the tool with a ratio of the length to the width of more than 3, particularly more than 6 avoiding at the maximum thickness modifications. The surface of the tool has the shape of a print. An inadmissible variation of the thickness also limits a large framing surface of the tool surface from 0.05 up to 0.5mm opposite to the stroke direction. The work piece bends due to the load, perpendicularly to the longitudinal direction of the tool surface. For a preset incurvation, the elastic tensions of the metal sheets, which are resiliently fixed, cancel each other by the load, so that, in connection with such treatement, the working piece may remain in the accurate and definitive geometric incurvation imparted by the tension means.

IPC 1-7

**B21D 31/06**

IPC 8 full level

**B21D 31/06** (2006.01)

CPC (source: EP)

**B21D 31/06** (2013.01)

Designated contracting state (EPC)

FR GB

DOCDB simple family (publication)

**WO 8203192 A1 19820930**; DE 3111148 A1 19821007; DE 3111148 C2 19880908; EP 0074967 A1 19830330; EP 0074967 B1 19860723

DOCDB simple family (application)

**DE 8200058 W 19820316**; DE 3111148 A 19810321; EP 82900794 A 19820316