

Title (en)

Unit for prehemming and final hemming sheet edges

Title (de)

Vorrichtung zum Vorfalzen und Schlussfalzen eines Bleches

Title (fr)

Unité de présertissage et de sertissage du bord d'une tôle

Publication

**EP 0747148 B1 20011114 (FR)**

Application

**EP 96460021 A 19960530**

Priority

FR 9507113 A 19950609

Abstract (en)

[origin: EP0747148A2] The tool has two mobile heads, one for initially bending the edge (11') of the metal sheet. The other mobile head (3) is for folding it flat. Both heads are designed to operate in synchronised movements, acting in sequence. The second or locking head follows a curved trajectory with an instantaneous centre of rotation being close to the sheet metal fold zone. It also has a tangent at the end of its travel which is more or less orthogonal to the plane of the sheet metal. Its active face remains parallel to the sheet during operation. The first, or folding, head travels in an approximately straight line which is orthogonal to the plane of the metal sheet. Both heads are driven by a common rotary shaft, rotated in a single direction by a cam and lever mechanism and an electric motor.

IPC 1-7

**B21D 39/02**

IPC 8 full level

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CPC (source: EP)

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Cited by

FR2776545A1; DE10338537A1; FR2776546A1; CN106968406A

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DOCDB simple family (publication)

**EP 0747148 A2 19961211; EP 0747148 A3 19961218; EP 0747148 B1 20011114**; DE 69616876 D1 20011220; ES 2166435 T3 20020416; FR 2735049 A1 19961213; FR 2735049 B1 19970822

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