

Title (en)

Device for marking thin plates, in particular for body sheets in the vehicle industry

Title (de)

Markiervorrichtung für dünne Platten, insbesondere für Bleche in der Fahrzeugindustrie

Title (fr)

Dispositif de marquage de pièces métalliques minces, notamment de tôles pour l'industrie automobile

Publication

EP 0687578 A1 19951220 (FR)

Application

EP 95401419 A 19950616

Priority

FR 9407436 A 19940617

Abstract (en)

The marker consists of a frame (9) equipped with a gripper (22) for the sheet metal component to be marked, a first carriage (10) which travels along the frame (9) parallel to the component's surface, and a second carriage (11) with a marking wheel (16) which has a series of engraved plates round its rim. The marking wheel is rotatable on the second carriage about a shaft (17) lying parallel to the surface of the component to be marked, so that the appropriate engraved plate can be positioned against it. The force applied by the marking wheel is regulated to a level which is sufficient to imprint the desired motif, with each engraved plate having a flat base surface from which the motif projects and which acts as a stop to limit penetration into the component being marked. The marking wheel is rotated by a step motor (18) through a drive mechanism (19) with reduction gears.

IPC 1-7

B44B 5/00; **B44B 5/02**

IPC 8 full level

B44B 5/00 (2006.01); **B44B 5/02** (2006.01)

CPC (source: EP)

B44B 5/0076 (2013.01); **B44B 5/02** (2013.01)

Citation (applicant)

US 4431321 A 19840214 - TRIMBLE ROY L [US]

Citation (search report)

- [DY] US 4431321 A 19840214 - TRIMBLE ROY L [US]
- [Y] DE 3522251 C1 19870122 - INTEGRAL HYDRAULIK CO
- [A] US 4588465 A 19860513 - PACIOREK WALTER J [US]
- [A] DE 3607768 A1 19861023 - BAUER KABA AG [CH]
- [A] DE 3122392 A1 19830105 - SCHMITZ INTERO STAHL MASCH [DE]

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

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