

Title (en)

TENSION CLAMP

Publication

**EP 0088854 A3 19850403 (FR)**

Application

**EP 82402253 A 19821209**

Priority

FR 8200180 A 19820108

Abstract (en)

[origin: ES269913U] a) Self-locking clamp making it possible to exert a tension on sheet metal. b) This clamp comprises two jaws 1 hinged one on top of the other at an intermediate point along their length. Between the ends of the jaws, which ends are opposite to their gripping ends, there is provided an expansion wedge (7) carried by a component (8) intended to be coupled with the tension element of this clamp, for example a chain or a tension cable. Furthermore the gripping jaws 1 comprise, on their inner faces, ramps 10 capable of cooperating with this expansion wedge 7. c) This clamp may be used to exert a tension on the metal sheets of an automobile body with a view to straightening them, this being done by means of jacks or other suitable equipment.

IPC 1-7

**B21D 25/04**; **B21D 1/14**

IPC 8 full level

**B21D 1/14** (2006.01); **B25B 5/08** (2006.01); **B25B 7/12** (2006.01)

CPC (source: EP)

**B21D 1/145** (2013.01); **B25B 5/08** (2013.01); **B25B 7/12** (2013.01)

Citation (search report)

- [X] FR 1501947 A 19671118 - APPLIED POWER IND INC
- [X] US 3986746 A 19761019 - CHARTIER GUY NORMAN
- [A] US 3273933 A 19660920 - FRIEDRICH JOCHIM
- [A] FR 2314023 A1 19770107 - WILMONDA [FR]
- [A] US 3610022 A 19711005 - LINCOURT WILLIAM R
- [A] BE 377259 A

Cited by

EP0736343A3; DE10211619A1; DE10211619B4; EP0537038A1; FR2682310A1

Designated contracting state (EPC)

AT BE CH DE GB LI NL

DOCDB simple family (publication)

**FR 2519574 A1 19830718**; EP 0088854 A2 19830921; EP 0088854 A3 19850403; ES 269913 U 19830701; ES 269913 Y 19840116

DOCDB simple family (application)

**FR 8200180 A 19820108**; EP 82402253 A 19821209; ES 269913 U 19830107