

Title (en)

Device for controlling the stroke of a riveting machine

Title (de)

Vorrichtung zum Steuern einer Hubbewegung einer Nietmaschine

Title (fr)

Dispositif de contrôle de la course d'une riveteuse

Publication

EP 0826443 A3 19990616 (DE)

Application

EP 97115087 A 19970901

Priority

DE 19635184 A 19960830

Abstract (en)

[origin: EP0826443A2] The device (E) comprises a sensing arm (6) which is supplied with at least one reference point (10) for positioning on a reference surface. The reference point may be arranged at a vertical distance from a pressure point of the rivet punch (2), which is larger than the upset head height (h). The oversize (x1) of the distance (x) is kept between a trip pin (11) and a contact rod (12). The trip pin is assigned to the sensing arm (6). The sensing arm and trip pin are fixed on a stroke slide (8) which is vertically movable in guides (14). The contact pin (12) is also vertically movable. The contact pin is likewise arranged in the guides. The contact pin is connected to a slide (13) to these arranged and with a spindle thread (15) of an adjusting rod (16).

IPC 1-7

B21J 15/12; **B21J 15/28**

IPC 8 full level

B21J 15/12 (2006.01); **B21J 15/28** (2006.01)

CPC (source: EP)

B21J 15/12 (2013.01); **B21J 15/285** (2013.01)

Citation (search report)

- [Y] EP 0699490 A1 19960306 - BODMER KUESNACHT AG [CH]
- [A] EP 0539045 A1 19930428 - GEN ELECTRO MECH CORP [US]
- [XY] PATENT ABSTRACTS OF JAPAN vol. 005, no. 172 (M - 095) 31 October 1981 (1981-10-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 214 (P - 1727) 15 April 1994 (1994-04-15)

Cited by

CN114505442A; CN115298440A; EP2922650A4; US9764376B2

Designated contracting state (EPC)

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