

Title (en)
BLIND-RIVET TOOL

Publication
EP 0065110 B1 19850807 (DE)

Application
EP 82103251 A 19820417

Priority
CH 318581 A 19810515

Abstract (en)
[origin: EP0065110A1] 1. Blind riveting device having a support (3) resting on the hollow rivet (37) and a jaw part (9) which, by means of automatic clamping jaws (15), grips on the rivet (32) provided with an upset head (41), which jaw part (9) is retractably guided out of its initial position supported on the support (3), with a jaw device (21) and a return device (11) being provided for the jaw part (9), with the clamping jaws (15), in the initial position of the jaw part (9), resting on a stop (6) and at the same time being driven back out of their active position, characterised in that a displacement space (19) of a piston (9) connected to the jaw part (9) is in communication with a space (12) provided on the rear of the clamping jaws (15), with the displacement space (19) and the ejection space (12) being designed in such a way that, when the jaw part (9) is returned, a highly compressed air cushion is formed in the said spaces, which air cushion shoots the rivet shank (33) outwards when the clamping jaws (15) become non-active.

IPC 1-7
B21J 15/04

IPC 8 full level
B21J 15/04 (2006.01)

CPC (source: EP)
B21J 15/043 (2013.01)

Cited by
CN113477872A; GB2274799A; GB2274799B; US5471729A; WO9301907A1

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AT DE FR GB IT

DOCDB simple family (publication)
EP 0065110 A1 19821124; EP 0065110 B1 19850807; AT E14687 T1 19850815; CH 650708 A5 19850815; DE 3265187 D1 19850912; ES 512179 A0 19830401; ES 8305229 A1 19830401

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