

Title (en)
Rivet setting tool

Title (de)
Nietsetzgerät

Title (fr)
Outil de rivetage

Publication
EP 0953388 A3 20001206 (DE)

Application
EP 99101542 A 19990129

Priority
DE 19818755 A 19980427

Abstract (en)
[origin: EP0953388A2] The rivet gun has an electric drive motor (2) coupled to a rivet driving device (5), with at least one rechargeable battery for providing the drive motor operating current and a circuit for regulating the current feed to the electric drive motor in dependence on the detected battery voltage in comparison to a minimum battery voltage. The circuit (45) regulating the current feed to the electric drive motor (2) may employ a microcomputer and an associated read-only memory holding the minimum battery voltage, with disconnection of the motor when the minimum battery voltage is reached, the disconnection effected at the end of a complete rivet driving operation.

IPC 1-7
B21J 15/26; B21J 15/28

IPC 8 full level
B21J 15/16 (2006.01); **B21J 15/26** (2006.01); **B21J 15/28** (2006.01)

CPC (source: EP US)
B21J 15/043 (2013.01 - EP); **B21J 15/105** (2013.01 - EP); **B21J 15/26** (2013.01 - EP US); **B21J 15/28** (2013.01 - EP US)

Citation (search report)

- [Y] EP 0116954 A2 19840829 - HIOS INC [JP]
- [Y] US 5727417 A 19980317 - MOFFATT W KEITH [US], et al
- [A] EP 0600234 A2 19940608 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] EP 0653259 A1 19950517 - GESIPA BLINDNIETTECHNIK [DE]

Cited by
US11045861B2; EP1297916A3; EP3530372A4; EP3530370A4; US11065674B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 99101542 A 19990129; AU 2375999 A 19990414; BR 9901293 A 19990427; DE 19818755 A 19980427; JP 11923199 A 19990427; US 29287899 A 19990416