

Title (en)
POWDER-ACTUATED SETTING TOOL

Publication
EP 0236265 A3 19890614 (DE)

Application
EP 87810069 A 19870205

Priority
DE 3605832 A 19860222

Abstract (en)
[origin: US4708061A] An explosive powder charge operated tool for driving fastening elements into a receiving material has a locking member supported in the housing for effecting the return movement of the driving member located within the barrel. The locking member has a radially inwardly directed nose located in the path of an annular shoulder on the driving member. A retaining member with a support shoulder holds the locking member in position within the housing. The retaining member and shoulder are rotatable about the housing for aligning an aperture in the shoulder with the locking member so that the locking member can be removed without the use of any auxiliary tools.

IPC 1-7
B25C 1/14

IPC 8 full level
B23P 19/02 (2006.01); **B25C 1/14** (2006.01)

CPC (source: EP US)
B25C 1/143 (2013.01 - EP US)

Citation (search report)
• [AD] CH 553037 A 19740830 - POLY PATENT AG
• [A] GB 1163061 A 19690904 - STAR EXPANSION IND CORP [US]
• [A] EP 0162009 A2 19851121 - HILTI AG [LI]
• [A] FR 2375958 A1 19780728 - SPIT SOC PROSPECT INV TECHN [FR]
• [A] FR 2545402 A1 19841109 - PNEUTEK INC [US]

Cited by
EP0868979A1; FR2761631A1; US6015078A

Designated contracting state (EPC)
CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 0236265 A2 19870909; EP 0236265 A3 19890614; EP 0236265 B1 19911002; AU 582522 B2 19890323; AU 6909187 A 19870827; DE 3605832 A1 19870827; DE 3773410 D1 19911107; JP H0673823 B2 19940921; JP S62246431 A 19871027; US 4708061 A 19871124

DOCDB simple family (application)
EP 87810069 A 19870205; AU 6909187 A 19870220; DE 3605832 A 19860222; DE 3773410 T 19870205; JP 3899187 A 19870221; US 1665587 A 19870219