

Title (en)
PLACING TOOL WITH MEANS FOR CONTROLLING PLACING PROCESSES

Title (de)
SETZWERKZEUG MIT MITTELN ZUR KONTROLLE VON SETZVORG NGEN

Title (fr)
OUTIL DE POSE EQUIPE DE SYSTEMES DE CONTROLE DE PROCESSUS DE POSE

Publication
EP 1469958 A1 20041027 (DE)

Application
EP 03729464 A 20030116

Priority

- EP 03729464 A 20030116
- DE 10202230 A 20020121
- DE 10248298 A 20021016
- EP 0300380 W 20030116
- EP 0210914 W 20020928

Abstract (en)
[origin: WO03059551A1] Disclosed is a rivet placing tool (1) comprising a head piece (2) for receiving a rivet (20), a device for gripping a riveting bolt, and a pulling device connected to the device for gripping a riveting bolt in order to improve control of riveted joints during rivet placing. Said rivet placing tool (1) also comprises a device for measuring the tensile stress of the pulling device. The inventive rivet placing tool (1) makes it possible to detect the cause of a fault by comparing measured variables with stored variables.

IPC 1-7
B21J 15/28

IPC 8 full level
B21J 15/04 (2006.01); **B21J 15/06** (2006.01); **B21J 15/28** (2006.01); **B23P 11/00** (2006.01)

CPC (source: EP)
B21J 15/043 (2013.01); **B21J 15/105** (2013.01); **B21J 15/28** (2013.01); **B21J 15/285** (2013.01)

Cited by
DE202012101490U1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03059551 A1 20030724; AT E416050 T1 20081215; AU 2003235721 A1 20030730; CN 100595001 C 20100324; CN 1638888 A 20050713; CZ 2004878 A3 20050112; CZ 305122 B6 20150513; EP 1469958 A1 20041027; EP 1469958 B1 20081203; ES 2318136 T3 20090501; HU P0402610 A2 20050428; PL 205309 B1 20100430; PL 370677 A1 20050530; SK 3022004 A3 20041201

DOCDB simple family (application)
EP 0300380 W 20030116; AT 03729464 T 20030116; AU 2003235721 A 20030116; CN 03804953 A 20030116; CZ 2004878 A 20030116; EP 03729464 A 20030116; ES 03729464 T 20030116; HU P0402610 A 20030116; PL 37067703 A 20030116; SK 3022004 A 20030116