Title (en)

Blind rivet setting device

Title (de)

Blindnietsetzgerät

Title (fr)

Appareil de pose de rivets aveugles

Publication

EP 2910321 B1 20181017 (DE)

Application

EP 14156307 A 20140224

Priority

EP 14156307 A 20140224

Abstract (en)

[origin: CN104858351A] The present invention discloses a blind rivet setting device and a method for setting the blind rivet. The device herein includes: a housing, a pulling means which is arranged inside the housing and has a jam and clamping jaws, the jam being movable along the pulling direction, the clamping jaws being movable for a section of a clamping distance within the jam; an electric driver which is configured and is arranged to apply on the jam and to include a control means, an individual position sensor for the pulling means and a rotation meter; a battery which is configured and is arranged to serve as a power supply for the electric driver; a spring which is configured and is arranged inside the jam so as to apply force to the clamping jaws. For each clamping jaw, the jam includes a guide path which has a path pedestal which is positioned inclindedly relative to the pulling direction, and the back portion of each clamping jaw is supported on a path pedestal thereon within a clamping distance.

IPC 8 full level

B21J 15/04 (2006.01); B21J 15/10 (2006.01); B21J 15/26 (2006.01)

CPC (source: CN EP US)

B21J 15/043 (2013.01 - CN EP US); B21J 15/105 (2013.01 - CN EP US); B21J 15/26 (2013.01 - CN EP US); B21J 15/326 (2013.01 - EP US); B25B 27/0014 (2013.01 - EP); Y10T 29/49957 (2015.01 - EP US); Y10T 29/53752 (2015.01 - EP US)

Cited by

CN106553158A; EP4338891A1; US11673243B2; WO2024002428A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2910321 A1 20150826; **EP 2910321 B1 20181017**; CN 104858351 A 20150826; CN 104858351 B 20180105; US 2015336159 A1 20151126; US 9849502 B2 20171226

DOCDB simple family (application)

EP 14156307 A 20140224; CN 201510087386 A 20150225; US 201514628659 A 20150223