

Title (en)

A battery powered crimping tool

Title (de)

Batteriebetriebenes Crimpwerkzeug

Title (fr)

Outil de sertissage alimenté par batterie

Publication

EP 2786843 B1 20190925 (EN)

Application

EP 14163263 A 20140402

Priority

- EP 13290076 A 20130402
- EP 14163263 A 20140402

Abstract (en)

[origin: EP2786843A2] A crimping tool for a rivet nut or an earth bond, comprising: a housing (34) adapted to receive an electrical battery; an electrical motor (101); a support (109,130) for supporting movement of a traction rod (121) in relation to the housing; a first mechanical drive train (104,105,106,106a,1071) drivable by the motor to cause rotation of a traction rod (121) about a longitudinal axis X-X in a screwing direction or an unscrewing direction; a second drive train (102,103,108,109,110,111,111a,111b,112,113,116,118,140) comprising a hydraulic pump (111,111a,111b,112,118) fluidly coupled to a piston chamber (140) containing a traction piston (113) wherein the traction piston is movable from an initial position in the piston chamber by way of fluid pressure from the pump to cause axial displacement of a traction rod towards the housing and wherein the pump of the second drive train is drivable by the motor to deliver fluid pressure to the piston chamber.

IPC 8 full level

B21J 15/10 (2006.01); **B25B 27/00** (2006.01)

CPC (source: EP)

B25B 27/0014 (2013.01)

Cited by

EP4008482A1; EP3165333A1; EP3025807A1; CN105643258A; EP3167973A1; DE102015119571A1; CN112453308A; US10400798B2; US11673243B2; US10415607B2; US9833832B2; US10058910B2; CN112958743A; IT202100010556A1; TWI805277B; WO2022229801A1; US11511403B2

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DOCDB simple family (publication)

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