

Title (en)

DRIVE UNIT FOR A PRESS COLLAR

Title (de)

ANTRIEBSEINHEIT FÜR EINE PRESSSCHLINGE

Title (fr)

UNITÉ MOTRICE POUR COLLIER DE PRESSION

Publication

EP 4149721 A1 20230322 (DE)

Application

EP 21723665 A 20210428

Priority

- DE 202020102724 U 20200514
- EP 2021061172 W 20210428

Abstract (en)

[origin: WO2021228556A1] The invention relates to a drive unit for use with a press collar for pressing two workpieces, comprising a drive (10) and pressing pliers (18) connected to the drive (10), the pressing pliers (18) having two jaws (16). The jaws (16) of the pressing pliers (18) can be moved toward each other by means of the drive (10) in order to close the press collar (12) and to press the two workpieces (33). Furthermore, the two jaws (16) each have a first connecting element (24) for connecting to a second connecting element (26) of the press collar (26). At least one of the first connecting elements (24) is at least partly surrounded by a marking (36).

IPC 8 full level

B25B 27/10 (2006.01); **B21D 39/04** (2006.01)

CPC (source: EP KR US)

B21D 39/048 (2013.01 - KR); **B25B 27/10** (2013.01 - EP KR US); **B21D 39/048** (2013.01 - EP)

Citation (search report)

See references of WO 2021228556A1

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 202020102724 U1 20210817; AU 2021270710 A1 20221215; CN 115605320 A 20230113; EP 4149721 A1 20230322;
EP 4149721 B1 20240612; KR 20230005867 A 20230110; US 2023127551 A1 20230427; WO 2021228556 A1 20211118

DOCDB simple family (application)

DE 202020102724 U 20200514; AU 2021270710 A 20210428; CN 202180034518 A 20210428; EP 2021061172 W 20210428;
EP 21723665 A 20210428; KR 20227039296 A 20210428; US 202117924228 A 20210428