

Title (en)

BONDING TOOL AND METHOD FOR PRODUCING A BONDING TOOL

Title (de)

BONDWERKZEUG UND HERSTELLVERFAHREN FÜR EIN BONDWERKZEUG

Title (fr)

OUTIL D'ASSEMBLAGE ET PROCÉDÉ DE FABRICATION D'UN OUTIL D'ASSEMBLAGE

Publication

EP 3713704 A1 20200930 (DE)

Application

EP 18815934 A 20181105

Priority

- DE 102017127251 A 20171120
- DE 2018100894 W 20181105

Abstract (en)

[origin: WO2019096346A1] The invention relates to a method for producing a bonding tool, comprising a main part, which has an elongated tool shaft (1) of the bonding tool and a tool tip (2) that adjoins the tool shaft (1), and a blind hole (3.2) which is provided in the region of the elongated tool shaft (1) of the bonding tool and leads into the region of the tool tip (2), wherein a contact surface (5) of the bonding tool is provided on the tool tip (2). The method has the following steps: - a through-opening (3.1) which leads through the tool shaft (1) to the tool tip (2) is first produced; and - the through-opening (3.1) is then closed in the region of the tool tip (2) by a closure element (4) which is inserted into the main part.

IPC 8 full level

B23K 20/00 (2006.01); **B23K 20/10** (2006.01); **B23K 26/035** (2014.01); **B23K 28/02** (2014.01); **H01L 23/00** (2006.01)

CPC (source: EP US)

B23K 20/004 (2013.01 - EP US); **B23K 20/106** (2013.01 - EP US); **B23K 26/037** (2015.10 - EP); **B23K 28/02** (2013.01 - EP); **H01L 24/78** (2013.01 - EP); **H01L 2224/78263** (2013.01 - EP); **H01L 2224/78304** (2013.01 - EP); **H01L 2224/78306** (2013.01 - EP); **H01L 2224/78316** (2013.01 - EP); **H01L 2224/78318** (2013.01 - EP); **H01L 2224/78343** (2013.01 - EP)

Citation (search report)

See references of WO 2019096346A1

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

DOCDB simple family (publication)

WO 2019096346 A1 20190523; CN 111405958 A 20200710; DE 102017127251 A1 20190523; EP 3713704 A1 20200930; US 2020282488 A1 20200910

DOCDB simple family (application)

DE 2018100894 W 20181105; CN 201880073101 A 20181105; DE 102017127251 A 20171120; EP 18815934 A 20181105; US 202016879428 A 20200520