

Title (en)

HAND-HELD TOOL AND METHOD FOR PRODUCING SUCH A HAND-HELD TOOL

Title (de)

HANDWERKZEUG SOWIE VERFAHREN ZUM HERSTELLEN EINES SOLCHEN HANDWERKZEUGES

Title (fr)

OUTIL À MAIN ET PROCÉDÉ DE FABRICATION DUDIT OUTIL À MAIN

Publication

EP 3302892 A1 20180411 (DE)

Application

EP 16727428 A 20160531

Priority

- DE 202015102811 U 20150601
- EP 2016062280 W 20160531

Abstract (en)

[origin: WO2016193266A1] A hand-held tool comprises a tool part (2) and a handle (3) surrounding a section of the tool part (2) and connected to same in a torque-transmitting manner. The tool part (2) comprises a connection contour (7) used to connect the handle (3) in a torque-transmitting manner at least in some areas, in a section surrounded by the handle (3). The handle (3) comprises an inner handle piece (5) which can be connected to the connection contour (7) and surrounds same in a torque-transmitting manner. With the inner handle piece slid onto the connection contour (7), one or more outwardly-open casting channels (11) are provided between the two parts (5, 7). The handle (3) further comprises an outer handle piece (6) made of plastic, which during the course of a plastic moulding process is moulded around the unit comprising the tool part (2) which has an inner handle piece (5) connected to the connection contour (7) thereof, wherein the at least one casting channel (11) is at least partially filled with the plastic material which forms the outer handle piece (6). A method is also described for producing such a hand-held tool.

IPC 8 full level

B25G 3/14 (2006.01); **B25B 23/00** (2006.01); **B25G 3/34** (2006.01)

CPC (source: EP US)

B25B 15/02 (2013.01 - US); **B25G 3/14** (2013.01 - EP US); **B25G 3/34** (2013.01 - EP US)

Citation (search report)

See references of WO 2016193266A1

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)

DE 202015102811 U1 20160906; EP 3302892 A1 20180411; EP 3302892 B1 20180926; ES 2702557 T3 20190301; US 10857662 B2 20201208; US 2018290287 A1 20181011; WO 2016193266 A1 20161208

DOCDB simple family (application)

DE 202015102811 U 20150601; EP 16727428 A 20160531; EP 2016062280 W 20160531; ES 16727428 T 20160531; US 201615578026 A 20160531