

Title (en)

PERCUSSION TOOL HEAD, PERCUSSION TOOL, METHOD OF FABRICATION SUCH A PERCUSSION TOOL AND METHOD FOR PIERCING METAL ROOFING SHEETS USING SUCH A PERCUSSION TOOL

Title (de)

SCHLAGWERKZEUGKOPF, SCHLAGWERKZEUG, VERFAHREN ZUR HERSTELLUNG EIN SOCLHES SCHLAGWERKZEUG UND VERFAHREN ZUM DURCHSTECHEN VON METALLDACHEINDECKUNGSBLECHEN MIT SOLCH EINEM SCHLAGWERKZEUG

Title (fr)

TÊTE DE PERCUTEUR, PERCUTEUR, PROCÉDÉ DE FABRICATION D'UN TEL PERCUTEUR ET PROCÉDÉ DE PERÇAGE DE TÔLES DE TOIT À L'AIDE D'UN TEL PERCUTEUR

Publication

EP 3227043 B1 20210217 (FR)

Application

EP 15817458 A 20151201

Priority

- FR 1461749 A 20141201
- FR 2015053289 W 20151201

Abstract (en)

[origin: WO2016087774A1] The invention relates to a head (1) of a percussion tool comprising: • a snout (2) comprising a first hole (5) positioned along a longitudinal axis (AA), the snout (2) being configured to be removably fixed to a body of a percussion tool (3), • a pointed punch (6) housed partially in a chamber of the percussion tool (3) and passing through the snout (2) via the first hole (5), the punch (6) being configured to effect translational movement along the longitudinal axis (AA) under the action of a pneumatic force, • a shoe (7) connected to the snout (2) and comprising a second hole (7a) on longitudinal axis (AA) through which the punch (6) passes so that the punch (6) strikes the support that is to be pierced. The invention also relates to a percussion tool (3) provided with a head comprising the aforementioned features, to the method of manufacturing such a percussion tool and to the method of piercing metal roofing sheets using such a percussion tool (3).

IPC 8 full level

B23B 47/28 (2006.01); **B25D 5/02** (2006.01)

CPC (source: EP)

B25D 5/02 (2013.01); **B25D 17/08** (2013.01)

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)

FR 3029129 A1 20160603; FR 3029129 B1 20170609; EP 3227043 A1 20171011; EP 3227043 B1 20210217; WO 2016087774 A1 20160609

DOCDB simple family (application)

FR 1461749 A 20141201; EP 15817458 A 20151201; FR 2015053289 W 20151201