

Title (en)
HAND TOOL AND LIGHTING MEANS CARRIER FOR CONNECTION WITH A HAND TOOL

Title (de)
HANDWERKZEUG SOWIE LEUCHTMITTELTRÄGER ZUR VERBINDUNG MIT EINEM HANDWERKZEUG

Title (fr)
OUTILS PORTATIF AINSI QUE SUPPORT DE MOYEN D'ÉCLAIRAGE DESTINÉ AU RACCORDEMENT À UN OUTIL PORTATIF

Publication
EP 3825082 C0 20230802 (DE)

Application
EP 20207924 A 20201116

Priority
DE 102019131516 A 20191121

Abstract (en)
[origin: CN112824745A] A hand tool provided with a lighting means is known from the prior art for working with a corresponding hand tool even in the case of poor visibility. For this purpose, the hand tool is equipped with diffusive light sources in different positions, in particular on the handle or the head, the light sources are intended to illuminate the surroundings. However, it is not possible to specifically illuminate the workpiece during the knocking, even to assist the orientation of the hand tool. On this basis, the invention proposes to project a shaped light trace which illuminates the workpiece throughout the knocking movement. According to the scheme, at least one lighting element is arranged, and the lighting element is connected with the hand tool and can project shaped light tracks.

IPC 8 full level
B26B 23/00 (2006.01); **B25G 1/08** (2006.01); **F21V 33/00** (2006.01)

CPC (source: CN EP)
B25G 1/08 (2013.01 - EP); **B26B 23/00** (2013.01 - EP); **F21L 4/08** (2013.01 - CN); **F21V 23/00** (2013.01 - CN); **F21V 23/06** (2013.01 - CN); **F21V 33/0084** (2013.01 - CN EP); **F21Y 2115/10** (2016.07 - CN); **F21Y 2115/30** (2016.07 - EP)

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

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
DE 102019131516 B3 20201231; CN 112824745 A 20210521; CN 112824745 B 20230203; EP 3825082 A1 20210526;
EP 3825082 B1 20230802; EP 3825082 C0 20230802

DOCDB simple family (application)
DE 102019131516 A 20191121; CN 202011320036 A 20201123; EP 20207924 A 20201116