

Title (en)

HAMMER DEVICE, PREFERABLY HAND-HELD HAMMER DEVICE

Title (de)

HAMMEREINRICHTUNG, VORZUGSWEISE HANDGEFÜHRTE HAMMEREINRICHTUNG

Title (fr)

DISPOSITIF À IMPACT, DE PRÉFÉRENCE DISPOSITIF À IMPACT PORTABLE

Publication

EP 3450109 B1 20230426 (DE)

Application

EP 17188210 A 20170828

Priority

EP 17188210 A 20170828

Abstract (en)

[origin: WO2019042869A1] The invention relates to a hammer device (1), preferably a hand-operated hammer device (1), comprising a striking mechanism (13) which is designed to be able to act in a striking manner on a tool (2), preferably on a chisel (2), in the axial direction (A) along the longitudinal axis (X), and comprising at least one striking force storage element (18) which is designed to receive a striking force (D) of the striking mechanism (13) in the axial direction (A) along the longitudinal axis (X) such that same is at least partially stored, and to release said striking force again at least partially as a striking force (D') of the striking mechanism (13) in the counter-axial direction (B) along the longitudinal axis (X). The hammer device (1) also comprises a striking force diverting element (15), which is designed and is/can be arranged in the force flow between the striking mechanism (13) and the striking force storage element (18) such that the striking force (D) of the striking mechanism (13) can be released onto the striking force storage element (18) in the axial direction (A) along the longitudinal axis (X), such that same is at least partially stored, while at least partially, preferably completely bypassing the tool (2).

IPC 8 full level

B25D 17/06 (2006.01); **B25D 17/08** (2006.01); **B25D 17/24** (2006.01)

CPC (source: EP)

B25D 17/06 (2013.01); **B25D 17/08** (2013.01); **B25D 17/24** (2013.01); **B25D 2217/0015** (2013.01); **B25D 2222/57** (2013.01); **B25D 2250/005** (2013.01); **B25D 2250/111** (2013.01); **B25D 2250/371** (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)

EP 3450109 A1 20190306; **EP 3450109 B1 20230426**; WO 2019042869 A1 20190307

DOCDB simple family (application)

EP 17188210 A 20170828; EP 2018072825 W 20180823