

Title (en)
A HAMMER DEVICE

Title (de)
HAMMERVORRICHTUNG

Title (fr)
DISPOSITIF DE MARTEAU

Publication
EP 3692217 B1 20220810 (EN)

Application
EP 18785410 A 20180921

Priority
• FI U20174230 U 20171006
• FI 2018050683 W 20180921

Abstract (en)
[origin: WO2019068958A1] A hammer device (100) comprises a frame (101), an actuator member (103) linearly movable with respect to the frame, and a linear electric machine for linearly moving the actuator member. The frame comprises attachment members (102) for attaching to a working machine so that the frame is nondestructively detachable from the working machine. The linear electric machine comprises a mover (104) for linearly moving the actuator member and a stator (105) connected to the frame and comprising windings (106) for generating a magnetic force directed to the mover in response to electric current supplied to the windings.

IPC 8 full level
E02F 3/96 (2006.01); **B25D 11/06** (2006.01); **B25D 17/00** (2006.01); **B25D 17/20** (2006.01); **E01C 23/12** (2006.01); **E02F 5/30** (2006.01); **E02F 5/32** (2006.01)

CPC (source: EP)
B25D 11/064 (2013.01); **B25D 17/20** (2013.01); **E02F 3/966** (2013.01); **E02F 5/305** (2013.01); **B25D 2250/141** (2013.01); **E02F 5/323** (2013.01)

Citation (examination)
JP 2011193641 A 20110929 - KOGANEI LTD

Cited by
IT202200019395A1

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)
WO 2019068958 A1 20190411; EP 3692217 A1 20200812; EP 3692217 B1 20220810; FI 11918 U1 20180111

DOCDB simple family (application)
FI 2018050683 W 20180921; EP 18785410 A 20180921; FI U20174230 U 20171006