

Title (en)
FASTENER DRIVING TOOL

Title (de)
SETZGERÄT

Title (fr)
APPAREIL DE POSE

Publication
EP 3898112 A1 20211027 (DE)

Application
EP 19808839 A 20191129

Priority
• EP 18214865 A 20181220
• EP 2019083017 W 20191129

Abstract (en)
[origin: WO2020126407A1] The invention relates to a fastener driving tool for driving fastening elements in a placement direction into a substrate. The fastener driving tool comprises: a driving element, which is movable back and forth between a starting position and a placement position; a drive, which is provided for driving the driving element in the placement direction from the starting position to the placement position, in order to transfer energy to a fastening element; and a return device, which is provided for conveying the driving element counter to the placement direction from the placement position to the starting position. The return device comprises a rotor, which is rotatable about a rotational shaft, and an entraining element, which is attached to the rotor and can be brought into engagement with the driving element in order to entrain the driving element counter to the placement direction. The entraining element is attached to the rotor so as to be radially movable relative to the rotational shaft such that, when the rotor rotates, the entraining element moves away from the rotational shaft in order to come into engagement with the driving element.

IPC 8 full level
B25C 1/04 (2006.01); **B25C 1/06** (2006.01)

CPC (source: EP US)
B25C 1/04 (2013.01 - EP); **B25C 1/047** (2013.01 - US); **B25C 1/06** (2013.01 - EP US)

Citation (search report)
See references of WO 2020126407A1

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)
EP 3670088 A1 20200624; EP 3898112 A1 20211027; EP 3898112 B1 20230412; US 2022072691 A1 20220310; WO 2020126407 A1 20200625

DOCDB simple family (application)
EP 18214865 A 20181220; EP 19808839 A 20191129; EP 2019083017 W 20191129; US 201917416448 A 20191129