

Title (en)
HANDHELD SETTING TOOL

Title (de)
HANDGEFÜHRTES SETZGERÄT

Title (fr)
APPAREIL DE POSE À GUIDAGE MANUEL

Publication
EP 3990225 A1 20220504 (DE)

Application
EP 20704811 A 20200206

Priority

- DE 102019004422 A 20190626
- DE 102019005599 A 20190808
- DE 102019005792 A 20190820
- DE 102019006714 A 20190925
- EP 2020053023 W 20200206

Abstract (en)
[origin: WO2020259870A1] A handheld setting tool for setting a nail or a pin into a substrate, comprising: a drive, preferably a gas spring drive or an electrodynamic drive, which drives an actuator (11), which actuator is used to drive the nail or the pin into the substrate; characterized by: a decoupling device, which at least partially decouples a first motion process of a first movable part or piston (111) in the actuator (11), driven by the drive, from a second motion process of a second movable part or piston (112) in the actuator (11) so as to drive the nail or the pin in.

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

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

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)
WO 2020259870 A1 20201230; AU 2020306332 A1 20220203; CA 3145144 A1 20201230; CN 114269518 A 20220401;
EP 3990225 A1 20220504; JP 2022538435 A 20220902; US 11883938 B2 20240130; US 2022355451 A1 20221110;
US 2024173832 A1 20240530

DOCDB simple family (application)
EP 2020053023 W 20200206; AU 2020306332 A 20200206; CA 3145144 A 20200206; CN 202080056635 A 20200206;
EP 20704811 A 20200206; JP 2021577400 A 20200206; US 202017619714 A 20200206; US 202318532095 A 20231207