

Title (en)
FASTENING TOOL

Title (de)
BEFESTIGUNGSWERKZEUG

Title (fr)
OUTIL DE FIXATION

Publication
EP 3831537 A1 20210609 (EN)

Application
EP 19213400 A 20191204

Priority
EP 19213400 A 20191204

Abstract (en)
A fastening tool (1) for driving fastening elements (2) in a driving direction (3) into a workpiece (4) comprises a housing (6) and a press-on element (8) having a press-on face (11), wherein the press-on element is displaceable with respect to the housing against the driving direction when the fastening tool is pressed against the workpiece in the driving direction. The fastening tool further comprises a support structure (12) mounted to the housing and extending in the driving direction along the press-on element, wherein the support structure is displaceable with respect to the housing between a closed position and an open position. The fastening tool further comprises a control element (17) for controlling movement of the support structure with respect to the housing, wherein the control element is displaceable with respect to the housing between a first position and a second position. The fastening tool further comprises a locking element (28) which has a locking position and a clearance position, wherein the locking element locks the control element in the first position if the locking element is in the locking position, and wherein the locking element releases the control element from the first position if the locking element is in the clearance position.

IPC 8 full level
B25C 7/00 (2006.01)

CPC (source: EP)
B25C 7/00 (2013.01)

Citation (applicant)
WO 2018048315 A1 20180315 - HOLMES SOLUTIONS LP [NZ]

Citation (search report)
• [E] EP 3666471 A1 20200617 - HILTI AG [LI]
• [A] US 2014131414 A1 20140515 - GARCIA RICARDO M [US], et al
• [A] US 2017297188 A1 20171019 - HUANG WEN-SHENG [TW], et al

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)
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DOCDB simple family (application)
EP 19213400 A 20191204; EP 2020083182 W 20201124