



(11) **EP 4 400 267 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

(15) Correction information:
Corrected version no 1 (W1 A2)
Corrections, see
Bibliography
Remarks

(51) International Patent Classification (IPC):
B25F 1/00 (2006.01)

(52) Cooperative Patent Classification (CPC):
B66F 3/46; B66F 3/00; B66F 13/00

(48) Corrigendum issued on:
21.08.2024 Bulletin 2024/34

(43) Date of publication:
17.07.2024 Bulletin 2024/29

(21) Application number: **24164719.7**

(22) Date of filing: **21.10.2022**

(84) Designated Contracting States:
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 ME MK MT NL
NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA
Designated Validation States:
KH MA MD TN

(30) Priority: **25.10.2021 US 202163271632 P**

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
22809278.9 / 4 396 115

(71) Applicant: **Stanley Black & Decker, Inc.**
New Britain, CT 06053 (US)

(72) Inventors:
• **STRAUSS, Ralf**
Stanley, 28164 (US)
• **SMITH, Robin E.**
Stanley, 28164 (US)
• **ROWLAY, Steven**
Sheffield, S8 0EU (GB)

(74) Representative: **SBD IPAdmin**
270 Bath Road
Slough, Berkshire SL1 4DX (GB)

Remarks:

This application was filed on 04.04.2024 as a
divisional application to the application mentioned
under INID code 62.

(54) **LIFTING AND LOWERING TOOL**

(57) A lifting and lowering tool includes a foot configured to be supported on a surface, a bar extending therefrom, and a movable assembly including a housing, a movable platform shaped to support a load that extends from the housing, a lifting actuator configured to incrementally move the movable assembly along the bar away from the foot, a lowering actuator configured to incrementally move the movable assembly along the bar towards the foot, and a release actuator configured to disengage the movable assembly from the bar to allow free movement of the movable assembly along the bar. In embodiments, the movable assembly engages the bar through locking plates that extend through a flange of the movable assembly. In embodiments the release actuator is spaced from the lifting actuator and the lowering actuator to prevent inadvertent actuation of the release actuator. In embodiments a flange of the movable assembly sur-

rounds the bar.

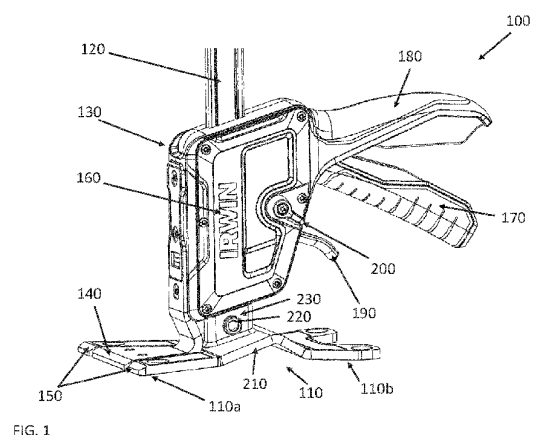


FIG. 1