

Title (en)

POWER TOOL WITH ERGONOMIC HANDGRIP

Title (de)

ELEKTROWERKZEUG MIT ERGONOMISCHEM HANDGRIFF

Title (fr)

OUTIL ÉLECTRIQUE AYANT UNE POIGNÉE ERGONOMIQUE

Publication

EP 3235604 B1 20190626 (EN)

Application

EP 17172918 A 20160113

Priority

- US 201514595468 A 20150113
- EP 16151118 A 20160113

Abstract (en)

[origin: EP3059051A1] A power tool (10) with an ergonomic handgrip (50) includes a housing (12), a motor (14) in the housing (12), a working end (16) coupled to a front end of the housing (12), a handle (40) extending distally from the housing (12), and a trigger (30) coupled to the handle (40). The housing (12) defines a tool axis, the handle (40) defines a handle axis, and the trigger (30) defines a trigger axis in its direction of movement. A first gripping region (52) includes a rear concave recess (60) on a rear end of the housing (12) and a lateral concave recess (56) along a lateral sidewall of the housing (12) parallel to the tool axis. A vertical line extending from an innermost point (64) of the rear concave recess (60) intersects the trigger axis forward of where the trigger axis intersects the handle axis. A second gripping region (54) includes a convex surface (65) on a rear portion (41) of the handle (40) with an elliptical curvature having an eccentricity less than 0.5.

IPC 8 full level

B25G 1/10 (2006.01); **B25F 5/02** (2006.01)

CPC (source: EP)

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