

Title (en)

GAS SPRING-POWERED FASTENER DRIVER

Title (de)

GASFEDERBETRIEBENER BEFESTIGUNGSTREIBER

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT D'ÉLÉMENT DE FIXATION MÛ PAR RESSORT À GAZ

Publication

EP 4072786 A4 20240515 (EN)

Application

EP 20897068 A 20201204

Priority

- US 201916706365 A 20191206
- US 2020063204 W 20201204

Abstract (en)

[origin: WO2021113570A1] A gas spring-powered fastener driver includes an outer cylinder and an inner cylinder positioned within the outer cylinder. A moveable piston is positioned within the inner cylinder. A driver blade is attached to the piston and movable therewith between a top-dead-center (TDC) position and a driven or bottom-dead-center (BDC) position. A retaining member is secured to the inner cylinder. The retaining member couples the inner cylinder to the outer cylinder. The inner cylinder is axially secured to the outer cylinder relative to a driving axis defined by the driver blade. The outer cylinder is rotatable relative to the inner cylinder.

IPC 8 full level

B25C 1/04 (2006.01); **B25C 1/00** (2006.01)

CPC (source: EP)

B25C 1/047 (2013.01); **B25C 1/06** (2013.01)

Citation (search report)

[A] WO 2016127101 A1 20160811 - MILWAUKEE ELECTRIC TOOL CORP [US]

Designated contracting state (EPC)

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