

Title (en)

Hand held power tool with pneumatic striking mechanism

Title (de)

Handwerkzeugmaschine mit pneumatischem Schlagwerk

Title (fr)

Machine-outil manuelle dotée d'un mécanisme à percussion pneumatique

Publication

EP 1955823 B1 20130717 (DE)

Application

EP 08101090 A 20080130

Priority

DE 102007000081 A 20070208

Abstract (en)

[origin: EP1955823A1] The power tool has a striking mechanism (20) driven by a motor, moving the activating element (22) reciprocally in its guide tube (21). The striker piston (23) is driven by an air spring (25) via the activating element, and acts on the riveting die (24), by which the air spring is switched on and off. This is done directly via the die.

IPC 8 full level

B25D 11/00 (2006.01)

CPC (source: EP US)

B25D 11/005 (2013.01 - EP US); **B25D 2217/0015** (2013.01 - EP US); **B25D 2217/0019** (2013.01 - EP US); **B25D 2250/035** (2013.01 - EP US); **B25D 2250/131** (2013.01 - EP US)

Cited by

WO2020126924A1; EP2684646A1; CN103538032A; EP3670097A1; CN113015600A; US10058987B2; EP2473320A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 1955823 A1 20080813; EP 1955823 B1 20130717; CN 101239459 A 20080813; CN 101239459 B 20110706; DE 102007000081 A1 20080821; JP 2008194817 A 20080828; JP 5202010 B2 20130605; US 2008202782 A1 20080828; US 7628221 B2 20091208

DOCDB simple family (application)

EP 08101090 A 20080130; CN 200810004835 A 20080204; DE 102007000081 A 20070208; JP 2008025110 A 20080205; US 6910808 A 20080206