

Title (en)
Manual tool machine

Title (de)
Handwerkzeugmaschine

Title (fr)
Machine-outil manuelle

Publication
EP 2684646 B1 20170222 (DE)

Application
EP 13175645 A 20130709

Priority
DE 102012212231 A 20120712

Abstract (en)
[origin: EP2684646A1] The tool i.e. hammer drill (1), has an intermediate striker (16) arranged between a striker (13) and a tool socket (2) in a striking direction (11). The intermediate striker is guided in a guide, which includes a first sliding surface guiding a first section of the intermediate striker. The guide includes a second sliding surface arranged offset relative to the first sliding surface in the striking direction and guiding a second section of the intermediate striker, where a radial dimension of the first section is greater than a radial dimension of the second section.

IPC 8 full level
B25D 17/06 (2006.01)

CPC (source: EP US)
B25D 11/06 (2013.01 - US); **B25D 17/06** (2013.01 - EP US); **B25D 2211/003** (2013.01 - EP US); **B25D 2211/068** (2013.01 - EP US); **B25D 2217/0015** (2013.01 - EP US); **B25D 2217/0019** (2013.01 - EP US); **B25D 2250/225** (2013.01 - EP US); **B25D 2250/231** (2013.01 - EP US); **B25D 2250/345** (2013.01 - EP US)

Cited by
CN105939820A

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

DOCDB simple family (publication)
EP 2684646 A1 20140115; **EP 2684646 B1 20170222**; CN 103538032 A 20140129; CN 103538032 B 20171114; DE 102012212231 A1 20140116; US 10058987 B2 20180828; US 2014014383 A1 20140116

DOCDB simple family (application)
EP 13175645 A 20130709; CN 201310283337 A 20130708; DE 102012212231 A 20120712; US 201313938421 A 20130710