

Title (en)

MACHINE TOOL AND ARRANGEMENT FOR THE THROUGHFLOW OF COOLANT

Title (de)

WERKZEUGMASCHINE UND KÜHLMITTELDURCHTRITTSANORDNUNG

Title (fr)

MACHINE-OUTIL ET DISPOSITIF DE CIRCULATION DE FLUIDE DE REFROIDISSEMENT

Publication

EP 1677947 A1 20060712 (DE)

Application

EP 04786846 A 20040924

Priority

- DE 2004002130 W 20040924
- DE 10348396 A 20031017

Abstract (en)

[origin: WO2005039823A1] The invention relates to a machine tool, especially a manual power tool, comprising a housing (10) provided with an arrangement containing openings (14) for the throughflow of a coolant for cooling at least one motor arranged in the housing (10). According to the invention, the openings (14) respectively have cross-sectional surfaces of between 0.15 mm<2> and 10 mm<2>. The invention also relates to an arrangement for the throughflow of coolant.

IPC 1-7

B24B 23/00

IPC 8 full level

B24B 23/00 (2006.01); **B24B 23/02** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP US)

B24B 23/02 (2013.01 - EP US); **B25F 5/008** (2013.01 - EP US)

Citation (search report)

See references of WO 2005039823A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 2005039823 A1 20050506; CN 1867422 A 20061122; DE 10348396 A1 20050519; EP 1677947 A1 20060712; US 2006181159 A1 20060817

DOCDB simple family (application)

DE 2004002130 W 20040924; CN 200480030354 A 20040924; DE 10348396 A 20031017; EP 04786846 A 20040924; US 55028305 A 20050922