

Title (en)

MACHINE TOOL HAVING AN ELECTRIC DRIVE MOTOR

Title (de)

WERKZEUGMASCHINE MIT ELEKTRISCHEM ANTRIEBSMOTOR

Title (fr)

MACHINE-OUTIL AVEC MOTEUR D'ENTRAÎNEMENT ÉLECTRIQUE

Publication

EP 2279058 A1 20110202 (DE)

Application

EP 09733179 A 20090313

Priority

- EP 2009052954 W 20090313
- DE 102008001258 A 20080418

Abstract (en)

[origin: US2011036610A1] A machine tool, in particular a powered hand tool, has an electric drive motor to which pole shoes are assigned in order to conduct a magnetic field. Furthermore, a fan wheel is provided in order to produce a stream of cooling air. In the housing, an air-guiding element forms a portion of the flow path for the stream of cooling air. According to the invention, the air-guiding element at least partially covers the pole shoes.

IPC 8 full level

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

CPC (source: EP US)

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Citation (search report)

See references of WO 2009127482A1

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DOCDB simple family (publication)

US 2011036610 A1 20110217; **US 8584771 B2 20131119**; AT E534488 T1 20111215; CN 102006971 A 20110406; CN 102006971 B 20130717; DE 102008001258 A1 20091022; EP 2279058 A1 20110202; EP 2279058 B1 20111123; RU 2010146705 A 20120527; RU 2508977 C2 20140310; WO 2009127482 A1 20091022

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US 73650209 A 20090313; AT 09733179 T 20090313; CN 200980113695 A 20090313; DE 102008001258 A 20080418; EP 09733179 A 20090313; EP 2009052954 W 20090313; RU 2010146705 A 20090313