

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)
B24B 23/028 (2013.01 - EP US); **B25F 5/008** (2013.01 - EP US)

Citation (search report)
See references of WO 2009127482A1

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

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

DOCDB simple family (application)
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