

Title (en)

Electric machine tool, in particular a grinding or polishing machine

Title (de)

Elektrowerkzeugmaschine, insbesondere eine Schleif- oder Poliermaschine

Title (fr)

Machine-outil électrique, notamment une machine de ponçage ou de polissage

Publication

EP 2476520 B1 20160406 (DE)

Application

EP 11189077 A 20111115

Priority

DE 202011001475 U 20110113

Abstract (en)

[origin: CN102581768A] An electric power tool is described, and which includes a housing in which a drive, a fan unit and an electronics device are accommodated, and wherein an air stream for cooling the drive to be generated with the aid of the fan unit through at least one air inlet opening and at least one air duct being formed within the housing, and wherein the air duct extends from the air inlet opening to the drive, and which allows a directed supply of air to flow to the drive, with the air inlet opening being arranged in an end region of the electric power tool.

IPC 8 full level

B25F 5/00 (2006.01)

CPC (source: EP US)

B24B 23/02 (2013.01 - EP US); **B24B 55/02** (2013.01 - EP US); **B25F 5/008** (2013.01 - EP US)

Citation (opposition)

Opponent : Robert Bosch GmbH

- WO 2009145206 A2 20091203 - HITACHI KOKI KK [JP], et al
- DE 10347943 A1 20050519 - BOSCH GMBH ROBERT [DE]
- DE 102007017243 A1 20081016 - BOSCH GMBH ROBERT [DE]
- DE 102008000613 A1 20090917 - BOSCH GMBH ROBERT [DE]
- GB 2383007 A 20030618 - BOSCH GMBH ROBERT [DE]
- DE 102006000084 A1 20070823 - HILTI AG [LI]
- DE 102007039828 B3 20081120 - BOSCH GMBH ROBERT [DE]
- EP 1674213 A1 20060628 - BLACK & DECKER INC [US]
- US 5099160 A 19920324 - STROEDEL REINHOLD [DE], et al
- DE 102008041370 A1 20100225 - BOSCH GMBH ROBERT [DE]
- DE 102009012177 A1 20100902 - STIHL AG & CO KG ANDREAS [DE]

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DE102014105107A1

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)

DE 202011001475 U1 20110317; CN 102581768 A 20120718; CN 102581768 B 20150722; EP 2476520 A2 20120718; EP 2476520 A3 20120829; EP 2476520 B1 20160406; US 2012184191 A1 20120719

DOCDB simple family (application)

DE 202011001475 U 20110113; CN 201110437602 A 20111223; EP 11189077 A 20111115; US 201213374665 A 20120105