

Title (en)
MOTOR HOUSING EXHAUST AIR SYSTEM

Title (de)
MOTORGEHÄUSEABLUFTSYSTEM

Title (fr)
SYSTÈME D'AIR D'ÉCHAPPEMENT POUR UN MOTEUR

Publication
EP 3599061 A1 20200129 (EN)

Application
EP 19187107 A 20190718

Priority
US 201816042549 A 20180723

Abstract (en)
In a pneumatic-powered tool (100), exhaust air may be discharged radially from an air driven motor (240) into a motor chamber. In the motor chamber (280), the exhaust air may follow a flow path around a periphery of the air driven motor, and be discharged into an exhaust chamber (272). From the exhaust chamber, the exhaust air may be discharged from the tool in a radial direction. A plurality of exhaust slots (286) may be defined in a peripheral wall (284) of the motor chamber, at a portion of the motor chamber that is adjacent to the exhaust chamber. The plurality of exhaust slots may guide exhaust air from the motor chamber into the exhaust chamber. A guide surface of the exhaust chamber may guide air out of the exhaust chamber in an axial direction.

IPC 8 full level
B25F 5/00 (2006.01)

CPC (source: EP)
B25F 5/00 (2013.01)

Citation (search report)

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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

Designated extension state (EPC)
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