

Title (en)

Air introduction devices for electric power tools

Title (de)

Luftzuführungsvorrichtungen für Elektrowerkzeuge

Title (fr)

Dispositifs d'introduction d'air pour outils électriques

Publication

**EP 2181811 A1 20100505 (EN)**

Application

**EP 09013419 A 20091023**

Priority

JP 2008280005 A 20081030

Abstract (en)

The present invention includes an air introduction device having at least one window (30; 40; 50; 60) for introducing air into a motor housing (10a) of a power tool (I). The at least one window (30; 40; 50; 60) includes a first air path (31; 51), a second air path (32; 61) and a third air path (33; 41) provided between the first air path (31; 51) and the second air path (32; 61). At least two of the first to third air paths (31, 32, 41; 51, 32, 33; 31, 61, 33) have bent path portions.

IPC 8 full level

**B25F 5/00** (2006.01)

CPC (source: EP)

**B25F 5/008** (2013.01)

Citation (applicant)

- JP 2008280005 A 20081120 - OISHI SANGYO KK
- JP H07266260 A 19951017 - HITACHI KOKI KK

Citation (search report)

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- [X] GB 2383007 A 20030618 - BOSCH GMBH ROBERT [DE]
- [X] US 2008110333 A1 20080515 - ADAMS JOSEPH S [CA]
- [A] DE 19924552 A1 20001130 - HILTI AG [LI]

Cited by

EP3450111A1; WO2013046524A1; WO2023274709A1

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 SM TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 09013419 A 20091023**; CN 200910162501 A 20090730; JP 2008280005 A 20081030