

Title (en)  
HAND-HELD POWER TOOL

Title (de)  
HANDWERKZEUGMASCHINE

Title (fr)  
MACHINE-OUTIL PORTATIVE

Publication  
**EP 4363169 A1 20240508 (DE)**

Application  
**EP 22732270 A 20220614**

Priority  
• DE 102021206665 A 20210628  
• EP 2022066106 W 20220614

Abstract (en)  
[origin: WO2023274709A1] The invention relates to a hand-held power tool, more particularly angle grinder, comprising: a cooling unit for cooling the hand-held power tool; a machine housing for receiving the cooling unit; and an air inlet opening for admitting an air flow. According to the invention, the hand-held power tool has a dust protection unit for reducing, especially without using a filter, dust particles in the air flow.

IPC 8 full level  
**B25F 5/00** (2006.01)

CPC (source: EP)  
**B25F 5/008** (2013.01)

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)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102021206665 A1 20221229**; CN 117580680 A 20240220; EP 4363169 A1 20240508; WO 2023274709 A1 20230105

DOCDB simple family (application)  
**DE 102021206665 A 20210628**; CN 202280046205 A 20220614; EP 2022066106 W 20220614; EP 22732270 A 20220614