

Title (en)  
Motor-driven hand-held grinder

Title (de)  
Motorgetriebenes Handschleifgerät

Title (fr)  
Appareil de meulage manuel motorisé

Publication  
**EP 2527089 B1 20131120 (DE)**

Application  
**EP 12163877 A 20120412**

Priority  
DE 102011076627 A 20110527

Abstract (en)  
[origin: EP2527089A1] The motor-driven hand-held grinder (10) comprises a grinding disk (11) in a grinding head housing (12), which is connected with an output shaft (13) in a torque-proof manner. The output shaft is driven by a drive motor over an input shaft (16) with downstream reduction gear (17). A suction fan wheel (20) made of metal or plastic part is provided on the input shaft as a part of a dust extraction device. The reduction gear is made of a planetary gear (29) arranged between the input shaft and the output shaft. A sun gear (26) of the planetary gear is a part of the input shaft.

IPC 8 full level  
**B24B 23/02** (2006.01); **B24B 55/10** (2006.01)

CPC (source: EP)  
**B24B 23/028** (2013.01); **B24B 47/12** (2013.01); **B24B 55/102** (2013.01)

Cited by  
CN111673591A; EP3450099A1; CN109955126A; CN110405560A; CN107214578A; EP3208039A1; CN108698199A; EP3208040A1; CN108698200A; CN107309755A; CN110900400A; WO2021159730A1; WO2017140657A1; WO2017140655A1

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