

Title (en)

Hand held power tool with fan rotor

Title (de)

Handwerkzeugmaschine mit Lüfterrad

Title (fr)

Outil à main motorisé avec ventilateur

Publication

EP 0856383 A3 19990407 (DE)

Application

EP 97118418 A 19971023

Priority

DE 19652751 A 19961218

Abstract (en)

[origin: EP0856383A2] The hammer drill has a drive motor (12) driving a motor shaft (13) A fan (18) with a fan wheel (19) is driven by the same motor. The fan wheel is fitted to the motor shaft so that it can rotate relative to this shaft. It may be coupled to the motor shaft by a transmission (21). The transmission may be a stepping-up one. It may be formed by a belt drive, or a gear wheel drive which may be planetary. The fan may also be usable as a suction fan to remove dust created by the drilling. The invention is also applicable to grinders, saws etc.

IPC 1-7

B25F 5/00

IPC 8 full level

B25F 5/00 (2006.01)

CPC (source: EP)

B25F 5/008 (2013.01)

Citation (search report)

- [A] DE 964638 C 19570523 - MEY KG MASCHF MAFELL
- [A] US 5311089 A 19940510 - STROETGEN ECKERHARD [DE], et al

Cited by

WO2006053794A3

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19652751 A1 19980625; **DE 19652751 C2 19990819**; DE 59709567 D1 20030424; EP 0856383 A2 19980805; EP 0856383 A3 19990407; EP 0856383 B1 20030319

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DE 19652751 A 19961218; DE 59709567 T 19971023; EP 97118418 A 19971023