

Title (en)  
HAND-HELD GRINDING MACHINE

Title (de)  
HANDGEHALTENE SCHLEIFMASCHINE

Title (fr)  
PONCEUSE À MAIN

Publication  
**EP 2928642 A1 20151014 (DE)**

Application  
**EP 13799309 A 20131204**

Priority  
• DE 102012111985 A 20121207  
• DE 202013104617 U 20131014  
• EP 2013075486 W 20131204

Abstract (en)  
[origin: WO2014086829A1] To provide a hand-held grinding machine, comprising a holding device for holding the grinding machine, comprising a drive motor and comprising a tool head, wherein the holding device comprises a substantially tubular bar with a proximal end and a distal end, wherein the drive motor is arranged at the proximal end, wherein the tool head is arranged at the distal end, wherein the grinding machine comprises a transmission shaft which connects the drive motor to a tool holder of the tool head for the transmission of torque and which runs at least in sections within the tubular bar, which hand-held grinding machine permits simple, efficient and as far as possible fatigue-free grinding, it is proposed that the grinding machine comprises a suction apparatus which comprises a suction duct with a substantially annular or annular-segment-shaped suction duct section, wherein the substantially annular or annular-segment-shaped suction duct section surrounds, at least in sections, a coupling device for coupling the transmission shaft to the tool holder.

IPC 8 full level  
**B24B 23/02** (2006.01); **B24B 7/18** (2006.01); **B24B 55/10** (2006.01)

CPC (source: EP)  
**B24B 7/184** (2013.01); **B24B 23/02** (2013.01); **B24B 55/102** (2013.01)

Citation (search report)  
See references of WO 2014086829A1

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

DOCDB simple family (publication)  
**WO 2014086829 A1 20140612**; **WO 2014086829 A4 20140807**; DE 202013104617 U1 20150116; EP 2928642 A1 20151014; EP 2928642 B1 20190612

DOCDB simple family (application)  
**EP 2013075486 W 20131204**; DE 202013104617 U 20131014; EP 13799309 A 20131204