

Title (en)
HAND-HELD GRINDING MACHINE

Title (de)
HANDGEHALTENE SCHLEIFMASCHINE

Title (fr)
PONCEUSE À MAIN

Publication
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Application
EP 13799083 A 20131204

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Abstract (en)
[origin: WO2014086866A1] 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, wherein the tool head comprises a cowl apparatus for covering the tool holder, wherein the cowl apparatus comprises a cowl element which comprises a substantially cylindrical cowl chamber, wherein the tool holder together with a tool arranged thereon can be arranged at least in sections in the cowl chamber, which hand-held grinding machine permits simple, efficient and as far as possible fatigue-free grinding, it is proposed that the cowl element comprises a cylinder-segment-shaped recess, such that a tangent to an edge of the tool that is arranged in the tool holder runs substantially in a plane that bounds the cylindrical-segment-shaped recess.

IPC 8 full level
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Citation (search report)
See references of WO 2014086866A1

Cited by
CN113974504A; US11931851B2

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