

Title (en)
GRINDING MACHINE

Title (de)
SCHLEIFMASCHINE

Title (fr)
MEULEUSE

Publication
EP 3421173 B1 20220608 (EN)

Application
EP 17178101 A 20170627

Priority
EP 17178101 A 20170627

Abstract (en)
[origin: EP3421173A1] A grinding machine (10) includes a grinding machine body (11) and a grinding disc (12) connected to the grinding machine body (11). The grinding machine body (11) is provided with a pressure cavity (13) at a position facing the grinding disc (12) and a gas intake pipe (111) corresponding to the pressure cavity (13). A pressure release gap (14) in communication with the pressure cavity (13) is formed between the grinding machine body (11) and the grinding disc (12). The gas intake pipe (111) induces a high-pressure gas into the pressure cavity (13), which receives an effect of the high-pressure gas to become a positive-pressure environment. The high-pressure gas is continually released via the pressure release gap (14) to prohibit external dust from entering the pressure cavity (13). Thus, the grinding machine (10) is capable of preventing dust from accumulating in the pressure cavity (13) as well as effectively preventing moisture from entering the pressure cavity (13) when the grinding machine (10) is applied for wet grinding.

IPC 8 full level
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CPC (source: EP)
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• US 3646712 A 19720307 - QUINTANA PEDRO
• JP S57126963 U 19820807

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