

Title (en)
GRINDING MACHINE WITH DUST SUCKING MEANS

Publication
EP 0301269 B1 19930505 (DE)

Application
EP 88110607 A 19880702

Priority
DE 3724747 A 19870725

Abstract (en)
[origin: EP0301269A2] So that a grinding machine, comprising a grinding tool which is driven so as to oscillate about a pivot axis fixed to the machine and through a small pivoting angle and which has a grinding face with at least one corner area and through which at least one suction channel passes which leads from an intake opening to an exhaust opening lying on a side remote from the grinding face, is improved in such a way that an effective, reliable dust exhaust system, which in particular can be retrofitted, is possible in as simple a construction as possible and without impairing the handling of the grinding machine, it is proposed that the exhaust opening be arranged outside the corner area, and that an exhaust hood be provided which can be fixed to the machine, overlaps the exhaust opening in all pivoted positions and allows the corner area of the grinding tool to project free of cover. <IMAGE>

IPC 1-7
B24B 23/04; B24B 55/10

IPC 8 full level
B24B 23/04 (2006.01); **B24B 55/10** (2006.01)

CPC (source: EP KR US)
B24B 55/10 (2013.01 - KR); **B24B 55/105** (2013.01 - EP US)

Citation (examination)
PATENT ABSTRACTS OF JAPAN, Band 12, Nr.386 (M-754)(3233), 14. Oktober 1988 & JP A 63 139677 (HIROAKI YASUDA)

Cited by
US6042460A; EP0726121A3; CN111890224A; EP0655023A4; EP0953406A3; US5743791A; DE4238245A1; US6257969B1; US10882176B2; WO9605941A3; US10818450B2; EP2608930B1

Designated contracting state (EPC)
CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0301269 A2 19890201; EP 0301269 A3 19900228; EP 0301269 B1 19930505; DE 3724747 A1 19890202; DE 3880752 D1 19930609; ES 2043737 T3 19940101; JP H0777707 B2 19950823; JP S6440276 A 19890210; KR 890001694 A 19890328; KR 960015260 B1 19961107; US 4905420 A 19900306

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EP 88110607 A 19880702; DE 3724747 A 19870725; DE 3880752 T 19880702; ES 88110607 T 19880702; JP 18197788 A 19880722; KR 880009391 A 19880725; US 22288588 A 19880722