

Title (en)  
BELT GRINDING MACHINE

Publication  
**EP 0399155 B1 19931006 (DE)**

Application  
**EP 90104263 A 19900306**

Priority  
DE 8906512 U 19890526

Abstract (en)  
[origin: EP0399155A1] It is known in order to absorb the abrasive dust in grinding machines to construct the housing so as to be larger in the bottom area so as to allow the dust to collect there. However, given the high number of revolutions, the revolving belt and rollers swirl up the dust, which settles in the bearings and in the inner parts of the rollers as static zones. This disadvantageously results in out-of-balance in the rollers and considerable contamination in the bearings and on the rotary parts. To remedy the disadvantages, the encapsulated belt grinding machine (1) is given a removable, closed collecting chamber (11) beneath the bottom side (8b) of the belt, which collecting chamber (11) is provided with its opening (17) below the access opening (29), that is, the working area. The collecting chamber (11) can be removed as a closed unit. <IMAGE>

IPC 1-7  
**B24B 55/08**

IPC 8 full level  
**B24B 55/08** (2006.01)

CPC (source: EP)  
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Cited by  
CN108544343A; US5377916A; WO2019104615A1

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**DE 8906512 U1 19890727**; DE 59002971 D1 19931111; DK 0399155 T3 19931115; EP 0399155 A1 19901128; EP 0399155 B1 19931006

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