

Title (en)
DISC SANDING TOOL

Publication
EP 0329943 A3 19910320 (DE)

Application
EP 89100838 A 19890119

Priority
DE 3805962 A 19880225

Abstract (en)
[origin: EP0329943A2] A disc sanding machine with a sanding disc (5) driven in a rotary movement by a drive shaft has a dust-extraction device with a dust- extraction hood surrounding the sanding disc (5) and containing an extraction space. The hood body of the dust-extraction hood ends above the underside of the sanding disc, a bristle ring (13) or the like projecting from the underside of the hood body, which bristle ring (13) can be placed onto the workpiece, runs only along part of the periphery (14) of the sanding disc (5) and forms with the sanding-disc periphery (14) a suction gap (15) open towards the workpiece as well as at the front end (16) as viewed in the direction of rotation of the sanding disc (5). The abrasive dust is drawn through the suction gap (15) past the sanding-disc periphery (14) and into the extraction space. The rear end (18) (as viewed in the direction of rotation) of the bristle ring (13) or the like runs towards the sanding-disc periphery and forms a rear seal for the suction gap (15). Furthermore, the hood body has or carries a sealing part (19) which extends over the angular range (α) free of the bristle ring (13) or the like and is located opposite the sanding disc (5) with a sealing gap permitting rotation of the sanding disc. <IMAGE>

IPC 1-7
B24B 55/10

IPC 8 full level
B24B 55/10 (2006.01)

CPC (source: EP US)
B24B 55/102 (2013.01 - EP US)

Citation (search report)
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• [A] GB 1462156 A 19770119 - KUNGALV TRYCKLUFTMASK AB
• [A] EP 0215476 A2 19870325 - FABRITIUS HANS JOSEF

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