

Title (en)  
FLOOR GRINDING APPARATUS WITH DUST-TIGHT RINGS

Title (de)  
BODENSCHLEIFGERÄT MIT STAUBDICHTRINGEN

Title (fr)  
MEULEUSE POUR SOL AVEC BAGUE D'ÉTANCHÉITÉ À LA POUSSIÈRE

Publication  
**EP 3476535 B1 20230315 (DE)**

Application  
**EP 17198520 A 20171026**

Priority  
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Abstract (en)  
[origin: US2019126434A1] The present invention relates to a floor grinding apparatus (100) with a housing (110) having an interior space (111) open to one side, a carrier plate (120) rotatably mounted in the interior space (111) for receiving abrasives, and drive unit (130) adapted to rotate the carrier plate (120), the housing (110) having an inner dust sealing ring (112) with at least one recess (115), wherein the inner dust sealing ring (112) divides the interior space (111) into an inner portion (113) and an outer portion (114), and wherein the carrier plate (120) is disposed in the inner portion (114), at least one extraction opening (116) disposed in the outer portion (114), and an outer dust sealing ring (117) enclosing the interior space (111), the inner dust sealing ring (112) and the outer dust sealing ring (117) being arranged to define a common working plane parallel to the plane of rotation of the carrier plate (120).

IPC 8 full level  
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CPC (source: EP US)  
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Cited by  
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