

Title (en)  
ORBITAL SURFACE CLEANING APPARATUS

Title (de)  
REINIGUNGSVORRICHTUNG FÜR ORBITALFLÄCHEN

Title (fr)  
APPAREIL ORBITAL DE NETTOYAGE DE SURFACE

Publication  
**EP 3982806 A4 20240403 (EN)**

Application  
**EP 20823459 A 20200611**

Priority  
• US 201962860559 P 20190612  
• US 2020037316 W 20200611

Abstract (en)  
[origin: WO2020252212A1] A floor cleaning and polishing device has a polishing pad for a surface which is rotationally engaged upon a pad driver operatively engaged to a frame. A first set of wheels on the frame allow for tilted movement. A second set of wheels are positionable to a deployed position to elevate the first set of wheels from the surface and position the polishing pad parallel to the surface. The device may have a light projector engageable for light disinfecting. The polishing pads are configured with a plurality of polishing fabric sections separated by recesses therebetween.

IPC 8 full level  
**A47L 11/02** (2006.01); **A47L 11/162** (2006.01); **A47L 11/164** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP US)  
**A47L 11/125** (2013.01 - US); **A47L 11/162** (2013.01 - EP); **A47L 11/164** (2013.01 - EP); **A47L 11/26** (2013.01 - EP);  
**A47L 11/4005** (2013.01 - US); **A47L 11/4008** (2013.01 - US); **A47L 11/4011** (2013.01 - US); **A47L 11/4038** (2013.01 - US);  
**A47L 11/405** (2013.01 - EP); **A47L 11/4069** (2013.01 - US); **A47L 11/4072** (2013.01 - EP US); **A47L 11/4075** (2013.01 - EP US);  
**A47L 11/4083** (2013.01 - EP US); **A47L 11/4088** (2013.01 - US); **A47L 11/4091** (2013.01 - EP); **B24B 7/186** (2013.01 - US)

Citation (search report)  
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• See also references of WO 2020252212A1

Designated contracting state (EPC)  
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**WO 2020252212 A1 20201217**; EP 3982806 A1 20220420; EP 3982806 A4 20240403; US 2023098260 A1 20230330

DOCDB simple family (application)  
**US 2020037316 W 20200611**; EP 20823459 A 20200611; US 202016954668 A 20200611