

Title (en)  
SURFACE TREATMENT DEVICE

Title (de)  
OBERFLÄCHENBEHANDLUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE TRAITEMENT DE SURFACE

Publication  
**EP 3165144 A1 20170510 (EN)**

Application  
**EP 16184684 A 20140110**

Priority  
• GB 201300526 A 20130111  
• EP 14700761 A 20140110

Abstract (en)  
A surface treatment device comprising: a body having a treatment head for treatment of a surface, and a handle by which a user can move the device over the surface, wherein the handle is connected to a rod rotatably held within a sleeve provided on the body of the device, the rod having a generally circular cross-sectional profile with a recessed portion providing an abutment surface adapted to abut a latching member so as to prevent rotation of the rod and of the handle in a first rotational direction when the latching member abuts the abutment surface, wherein the latching member is pivotably support on a pin and provides a trigger portion operable by a user, such that application of force to the trigger portion by the user causes rotation of the latching member about the pin, causing disengagement of the latching member from the recessed portion of the rod thereby enabling rotation of the rod and of the handle in the first rotational direction, and characterised in that the latching member is biased towards engagement with the recessed portion of the rod.

IPC 8 full level  
**A47L 5/30** (2006.01); **A47L 7/00** (2006.01); **A47L 9/04** (2006.01); **A47L 9/32** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP GB US)  
**A47L 5/30** (2013.01 - EP US); **A47L 7/00** (2013.01 - GB); **A47L 7/0004** (2013.01 - GB US); **A47L 7/0023** (2013.01 - GB US); **A47L 9/0411** (2013.01 - EP US); **A47L 9/0444** (2013.01 - EP US); **A47L 9/0494** (2013.01 - EP US); **A47L 9/325** (2013.01 - EP US); **A47L 11/00** (2013.01 - GB); **A47L 11/29** (2013.01 - GB); **A47L 11/292** (2013.01 - GB); **A47L 11/302** (2013.01 - GB); **A47L 11/307** (2013.01 - GB); **A47L 11/34** (2013.01 - GB); **A47L 11/4041** (2013.01 - EP US); **A47L 11/4075** (2013.01 - EP GB US); **A47L 11/408** (2013.01 - EP US); **A47L 11/4088** (2013.01 - GB); **A47L 11/4094** (2013.01 - EP US); **A47L 17/00** (2013.01 - GB)

Citation (search report)  
• [A] EP 1922973 A2 20080521 - BLACK & DECKER INC [US]  
• [A] WO 2012013223 A1 20120202 - KAERCHER GMBH & CO KG ALFRED [DE], et al  
• [A] EP 1710024 A2 20061011 - TECHTRONIC IND CO LTD [CN]  
• [A] EP 0928595 A1 19990714 - POLTI SPA [IT]  
• [A] EP 1018314 A1 20000712 - ROYAL APPLIANCE MFG [US]

Cited by  
CN108095640A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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**WO 2014108694 A1 20140717**; CN 105007791 A 20151028; EP 2943104 A1 20151118; EP 3165144 A1 20170510; EP 3165145 A1 20170510; GB 201300526 D0 20130227; GB 2512025 A 20140924; GB 2512025 B 20170301; US 2015351597 A1 20151210

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