

Title (en)  
A SURFACE TREATING HEAD

Title (de)  
KOPF ZUR OBERFLÄCHENBEHANDLUNG

Title (fr)  
TETE DE TRAITEMENT DE SURFACE

Publication  
**EP 2453779 B8 20131030 (EN)**

Application  
**EP 10735066 A 20100629**

Priority  
• GB 2010051070 W 20100629  
• GB 0912356 A 20090716  
• GB 201000958 A 20100121

Abstract (en)  
[origin: GB2471918A] A surface treating head comprises a main body (112, fig 9), a suction cavity 120 in the main body (112, fig 9) comprising first and second suction channels 122, 124, each of which is bounded on one side by a working edge 142, 144, an air duct 148 interposed between the first and second suction channels 122, 124 for conveying air towards the working edges 142, 144, a brush unit 190 and a drive mechanism (200, fig 15a, 15b) for moving the brush unit 190 between a stowed position in which the air duct 148 is open to the atmosphere and a deployed position in which the air duct 148 is closed. The drive mechanism (200, fig 15a, 15b) includes a pressure chamber (202, fig 15a, 15b) and means (218, fig 15a, 15b) for varying the pressure within the chamber (202, fig 15a, 15b) with the brush unit 190 being arranged to move between a stowed position and the deployed position depending on the pressure in the chamber (202, fig 15a, 15b).

IPC 8 full level  
**A47L 9/02** (2006.01); **A47L 9/06** (2006.01)

CPC (source: EP GB US)  
**A47L 9/02** (2013.01 - GB); **A47L 9/06** (2013.01 - GB); **A47L 9/0613** (2013.01 - EP US); **A47L 9/0646** (2013.01 - EP US)

Cited by  
CN105559691A

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

DOCDB simple family (publication)  
**GB 201000958 D0 20100310; GB 2471918 A 20110119; GB 2471918 B 20130731**; AU 2010272317 A1 20120119;  
AU 2010272317 B2 20130919; CN 101953665 A 20110126; CN 101953665 B 20130327; CN 103169427 A 20130626;  
CN 103169427 B 20161109; EP 2453779 A1 20120523; EP 2453779 B1 20130925; EP 2453779 B8 20131030; GB 0912356 D0 20090826;  
JP 2011019914 A 20110203; JP 2012106137 A 20120607; JP 5118726 B2 20130116; JP 5433718 B2 20140305; US 2011010890 A1 20110120;  
US 8387207 B2 20130305; WO 2011007159 A1 20110120

DOCDB simple family (application)  
**GB 201000958 A 20100121**; AU 2010272317 A 20100629; CN 201010232835 A 20100716; CN 201310054580 A 20100716;  
EP 10735066 A 20100629; GB 0912356 A 20090716; GB 2010051070 W 20100629; JP 2010161194 A 20100716; JP 2012058206 A 20120315;  
US 83184110 A 20100707