

Title (en)
VACUUM CLEANER HEAD

Title (de)
STAUBSAUGERKOPF

Title (fr)
TÊTE D'ASPIRATEUR

Publication
EP 3073881 B1 20200708 (EN)

Application
EP 14803232 A 20141125

Priority
• GB 201320762 A 20131125
• GB 2014053487 W 20141125

Abstract (en)
[origin: GB2520549A] A vacuum cleaner head comprises a suction mouth 22 on the underside thereof, the suction mouth 22 being substantially surrounded by a seal, wherein a portion of the seal comprises a roller 20, 21 arranged to engage a floor surface being cleaned and to rotate about an axis which extends parallel to the floor surface, the roller 20, 21 comprising a plurality of axially-extending sealing blades 27 disposed around its circumference. The front and rear longitudinal side edges of the suction mouth 22 can include depending inner seals 23,24, with a suction opening 31 disposed between the inner seal 23, 24 and the roller 20, 21. The head may include passageways (26a, 26b, fig 5) which act as bleed holes and suction inlets (25, fig 2) are preferably provided at the ends of the suction mouth 22 with a baffle 29 positioned between them.

IPC 8 full level
A47L 9/02 (2006.01); **A47L 9/04** (2006.01)

CPC (source: EP GB)
A47L 9/02 (2013.01 - EP GB); **A47L 9/04** (2013.01 - GB); **A47L 9/0422** (2013.01 - GB); **A47L 9/0477** (2013.01 - EP GB)

Citation (examination)
WO 2012149572 A2 20121101 - IROBOT CORP [US], et al

Cited by
US11647881B2; US11992172B2; EP3866659A4; US11839346B2; WO2020081931A1; US11712139B2; US11759069B2

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 RS SE SI SK SM TR

DOCDB simple family (publication)
GB 201320762 D0 20140108; **GB 2520549 A 20150527**; **GB 2520549 B 20170614**; CN 105916424 A 20160831; CN 105916424 B 20191008; EP 3073881 A1 20161005; EP 3073881 B1 20200708; GB 201521005 D0 20160113; GB 201521006 D0 20160113; GB 201521008 D0 20160113; GB 2530931 A 20160406; GB 2530931 B 20171213; GB 2530932 A 20160406; GB 2530933 A 20160406; GB 2530933 B 20170607; WO 2015075481 A1 20150528

DOCDB simple family (application)
GB 201320762 A 20131125; CN 201480071056 A 20141125; EP 14803232 A 20141125; GB 2014053487 W 20141125; GB 201521005 A 20131125; GB 201521006 A 20131125; GB 201521008 A 20131125