

Title (en)
A vacuum cleaner with liquid filtering

Title (de)
Staubsauger mit Flüssigkeitsfilter

Title (fr)
Filtre à liquide pour aspirateur

Publication
EP 2818087 A1 20141231 (EN)

Application
EP 14165116 A 20140417

Priority
IT VR20130140 A 20130613

Abstract (en)
Described is a vacuum cleaner (1) with liquid filtering comprising a suction device (2), a filtering chamber (8) having an air inlet section (9), put in fluid communication with the outside environment, and an air outlet section (10). The suction device (2) is operatively connected to the air outlet section (10) to generate a flow of air along the main path in such a way as to suck air through the inlet section (9). Moreover, the filtering chamber (8) comprises a tank (13) for containing the liquid having a bottom wall (14). In addition, the vacuum cleaner (1) comprises an air infeed duct (15) associated with the air inlet section (9) and having an infeed opening (16) positioned inside the filtering chamber (8); More specifically, the air infeed duct (15) extends inside the containment tank (13) away from the bottom wall (14) in such a way as to emerge from the level of the liquid. Moreover, the vacuum cleaner (1) comprises an air diversion obstacle (19) facing the infeed opening (16) for diverting the air towards the bottom wall (14) in such a way as to pass the air through the liquid for performing the filtering.

IPC 8 full level
A47L 7/00 (2006.01); **A47L 9/18** (2006.01)

CPC (source: EP)
A47L 7/0014 (2013.01); **A47L 9/181** (2013.01); **A47L 9/185** (2013.01)

Citation (applicant)
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Citation (search report)
• [XA] EP 1658801 A2 20060524 - LAVORWASH SPA [IT]
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CN113117401A

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

Designated extension state (EPC)
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