

Title (en)
EXHAUST FILTER ASSEMBLY FOR A VACUUM CLEANER

Title (de)
ABFÜHRUNGSFILTERANORDNUNG FÜR EINEN STAUBSAUGER

Title (fr)
ENSEMBLE DE FILTRE D'ÉCHAPPEMENT POUR ASPIRATEUR

Publication
EP 3616586 A1 20200304 (EN)

Application
EP 18191257 A 20180828

Priority
EP 18191257 A 20180828

Abstract (en)
An exhaust filter (20) assembly for a vacuum cleaner comprising a filter frame (21) accommodating the filter (20) and a cover (10) pivotally mounted to a vacuum cleaner body (30) and which is pivotally between an open position and a closed position, where the cover (10) comprises at least one first rib (11) formed on an inner surface of the cover (10) for positioning the filter frame (21) into a preliminary position inside a filter cavity (33) placed in the vacuum cleaner body (30) whereas at least one second rib (12) pushes the filter frame (21) into its end position after setting the cover (10) in the closed position. The present invention provides an exhaust filter arrangement which is positioned inside the vacuum cleaner body correctly without attention of the user thanks only to the existence of the set of ribs placed on the inner surface of the cover. The present invention provides an easy to use, intuitive, self-positioning exhaust filter arrangement for efficient exhaust air filtering which comes out of the vacuum cleaner during vacuuming.

IPC 8 full level
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CPC (source: EP)
A47L 9/0081 (2013.01); **A47L 9/122** (2013.01)

Citation (applicant)
• WO 2006024422 A1 20060309 - MIELE & CIE [DE], et al
• JP 2007054266 A 20070308 - SANYO ELECTRIC CO
• DE 10211649 A1 20030925 - AEG HAUSGERÄTE AG [DE]

Citation (search report)
• [X] DE 102007040963 A1 20090305 - MIELE & CIE [DE]
• [XA] WO 2015090439 A1 20150625 - ELECTROLUX AB [SE]
• [AD] WO 2006024422 A1 20060309 - MIELE & CIE [DE], et al

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