

Title (en)

A FILTER ASSEMBLY HAVING IMPROVED FILTERING MECHANISM

Title (de)

FILTERANORDNUNG MIT VERBESSERTEM FILTRATIONSMECHANISMUS

Title (fr)

ENSEMBLE FILTRE AYANT UN MÉCANISME DE FILTRAGE AMÉLIORÉ

Publication

EP 3981906 A1 20220413 (EN)

Application

EP 21199943 A 20210929

Priority

TR 202016037 A 20201008

Abstract (en)

The present invention relates to a filter assembly (1), comprising; a filter (2) having a rod (3) extending along an axis (I) with a plate (4) disposed at one end thereof; the plate (4) comprising an opening (5) for facilitating the passage of fluid; a wing (6) disposed on the filter (2); wherein the difference of the distance between a nearest and a furthest point of the opening (5) and that of the wing (6) from the axis (I) is a first length (x) and a second length (y) respectively; wherein the second length (y) is greater than the first length (x) and wherein the projection of the wing (6) along the axis (I) is configured to surround that of the opening (5).

IPC 8 full level

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CPC (source: EP)

D06F 39/10 (2013.01); **A47L 15/4208** (2013.01); **D06F 39/082** (2013.01)

Citation (applicant)

- CN 203729116 U 20140723 - BSH ELEC APPLIANCES JIANGSU CO
- DE 202009014134 U1 20100318 - HANNING ELEKTRO WERKE [DE]
- US 7243512 B2 20070717 - KIM KEON [KR], et al

Citation (search report)

- [A] JP 2003284899 A 20031007 - SHARP KK
- [A] DE 202009014134 U1 20100318 - HANNING ELEKTRO WERKE [DE]
- [AD] US 2004104158 A1 20040603 - KIM KEON [KR], et al

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