

Title (en)  
VACUUM CLEANER FILTER BAG DEVICE

Title (de)  
STAUBSAUGERFILTERBEUTELEINRICHTUNG

Title (fr)  
DISPOSITIF FORMANT SAC FILTRANT D'ASPIRATEUR

Publication  
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Application  
**EP 21150938 A 20210111**

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IPC 8 full level  
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CPC (source: EP)  
**A47L 9/1427** (2013.01)

Citation (opposition)  
Opponent : Wolf PVG GmbH & Co. KG

- US 2159116 A 19390523 - ZACHARIAS ROBERT M
- GB 242691 A 19251119 - HERBERT EDWIN WARD VICK
- DE 929810 C 19550704 - HOOVER LTD
- DE 2140894 A1 19730301 - VORWERK & CO ELEKTROWERKE KG [DE]
- US 2225389 A 19401217 - RAGNAR OSTERDAHL
- US 2752086 A 19560626 - FRESCHL WILLIAM W
- DE 102012010079 A1 20121129 - BRANOFILTER GMBH [DE]
- EP 1683460 A1 20060726 - BRANOFILTER GMBH [DE]
- DE 202005016309 U1 20051215 - WOLF GMBH [DE]
- US 4299605 A 19811110 - AIYAMA FUMIHIKO, et al
- WO 2011113545 A2 20110922 - EUROFILTERS HOLDING NV [BE], et al
- DE 202008006904 U1 20091015 - WOLF PVG GMBH & CO KG [DE]
- DE 102019107395 A1 20200924 - WOLF PVG GMBH & CO KG [DE]
- DE 102019123149 A1 20200423 - VORWERK CO INTERHOLDING [DE]
- DE 7034330 U 19710107 - BRANGS & HEINRICH [DE]
- DE 1943526 U 19660804 - SIEMENS ELEKTROGERAETE GMBH [DE]
- DE 8801638 U1 19890608
- US 2007214755 A1 20070920 - CORNEY RICHARD E [US], et al
- EP 1059056 A1 20001213 - 3M INNOVATIVE PROPERTIES CO [US]
- EP 2772173 A1 20140903 - WOLF PVG GMBH & CO KG [DE]
- DE 102008046200 A1 20090402 - VORWERK CO INTERHOLDING [DE]
- JP 2006314753 A 20061124 - MIND BANK KK
- EP 3821776 A1 20210519 - EUROFILTERS HOLDING NV [BE]
- EP 3821777 A1 20210519 - EUROFILTERS HOLDING NV [BE]
- DE 69811473 T2 20031127 - SEB SA [FR]

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