

Title (en)  
CLEANING DEVICE WITH INTERCHANGEABLE BRUSH

Title (de)  
REINIGUNGSVORRICHTUNG MIT AUSWECHSELBARER BÜRSTE

Title (fr)  
DISPOSITIF DE NETTOYAGE A BROSSE INTERCHANGEABLE

Publication  
**EP 1237459 A1 20020911 (EN)**

Application  
**EP 00977804 A 20001204**

Priority  
• IB 0001792 W 20001204  
• IT UD990215 A 19991210

Abstract (en)  
[origin: WO0141618A1] Cleaning device comprising a box-like structure (11) able to contain at least a brush (12) able to be selectively coupled to a shaft (20) with a substantially horizontal axis of rotation driven by a motor (13), wherein said box-like structure (11) is laterally equipped with an aperture (35) able to be selectively closed by a closing element (21) equipped with coupling means for a first end of said brush (12).

IPC 1-7  
**A47L 9/04**

IPC 8 full level  
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CPC (source: EP)  
**A47L 9/0411** (2013.01); **A47L 9/0444** (2013.01)

Cited by  
EP2992801A1; DE102012207356A1; EP3245927A1; CN107397506A; US10463221B2; US10441128B2; WO2023148006A1; US10092150B2; US10342405B2; US10481611B2; US10362916B2; US10463212B2; US11998148B2; US10342400B2; US10420448B2; US10524628B2; KR101878676B1; WO2021144467A1; US10258212B2; US10398276B2; US10827896B2; US10827895B2; US10835095B2; US10856714B2; US10939792B2; US11547263B2; EP4090210B1; US10092155B2; US10631702B2; US10820769B2; US10925455B1; US11089933B2; US11096543B2; US11096542B2; US11096540B2; US11096539B2; US11096541B2; US11122949B2; US11241134B2; US11825996B2; US11930975B2

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