

Title (en)  
Cleaning device

Title (de)  
Reinigungsvorrichtung

Title (fr)  
Dispositif de nettoyage

Publication  
**EP 1949836 A3 20091007 (DE)**

Application  
**EP 08001135 A 20080122**

Priority  
DE 102007003434 A 20070123

Abstract (en)  
[origin: EP1949836A2] The cleaning device has a multiple brush-shaped cleaning elements (11), which are arranged at a common swiveling support (13) and supplied to the fluid, particularly water, which is displaced in rotary manner by using cleaning device. A driving device is provided, which is subjected by the supplied fluid, in order to shift the cleaning elements in rotation.

IPC 8 full level  
**A47L 4/00** (2006.01)

CPC (source: EP US)  
**A47L 4/00** (2013.01 - EP US)

Citation (search report)

- [X] AT 383954 B 19870910 - SCHELLANDER VALENTIN [AT]
- [XD] DE 102004034819 B3 20050811 - EHMANN THOMAS [DE], et al
- [A] DE 20015319 U1 20010510 - SCHULZ HOLM [DE]
- [A] US 2816304 A 19571217 - PETERSON CLARENCE A

Cited by  
EP2147625A1; DE102008034005A1; CN112902424A; US8266757B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 1949836 A2 20080730; EP 1949836 A3 20091007; EP 1949836 B1 20110511**; AT E508673 T1 20110515; DE 102007003434 A1 20080724; DE 202008008991 U1 20081009; DE 202008018432 U1 20131017; US 2008172810 A1 20080724; US 8266757 B2 20120918

DOCDB simple family (application)  
**EP 08001135 A 20080122**; AT 08001135 T 20080122; DE 102007003434 A 20070123; DE 202008008991 U 20080122; DE 202008018432 U 20080122; US 1749508 A 20080122