

Title (en)  
Cleaning device

Title (de)  
Reinigungsvorrichtung

Title (fr)  
Dispositif de nettoyage

Publication  
**EP 0663177 B1 19980610 (FR)**

Application  
**EP 95400017 A 19950104**

Priority  
FR 9400348 A 19940114

Abstract (en)  
[origin: EP0663177A1] The cleaner comprises a head (2) with a dispenser for the cleaning liquid and a spreader (11) to apply it over the surface being cleaned. A scraper (6) is linked to a suction system (12) for picking up the used liquid and delivering it to a reservoir (25) inside the central shaft (3). The upper end of the shaft incorporates a housing for a suction turbine, driven by a small, battery-powered electric motor, which picks up the used liquid from the cleaned surface, while a deflector plate prevents the liquid from being drawn into the turbine. The suction pipe also contains a filter to trap dust and impurities.

IPC 1-7  
**A47L 11/30**

IPC 8 full level  
**A47L 11/03** (2006.01); **A47L 1/08** (2006.01); **A47L 11/30** (2006.01)

CPC (source: EP US)  
**A47L 1/08** (2013.01 - EP US); **A47L 11/30** (2013.01 - EP US); **A47L 11/4005** (2013.01 - EP US); **A47L 11/4019** (2013.01 - EP US); **A47L 11/4036** (2013.01 - EP US); **A47L 11/4044** (2013.01 - EP US); **A47L 11/4075** (2013.01 - EP US); **A47L 11/4077** (2013.01 - EP US); **A47L 11/4088** (2013.01 - EP US)

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BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)  
**EP 0663177 A1 19950719; EP 0663177 B1 19980610**; CA 2139915 A1 19950715; DE 69502841 D1 19980716; DE 69502841 T2 19990204; DK 0663177 T3 19990322; ES 2120137 T3 19981016; FR 2715053 A1 19950721; FR 2715053 B1 19960315; JP H0833599 A 19960206; US 5603139 A 19970218

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