

Title (en)  
Cleaning implement

Title (de)  
Reinigungsgerät

Title (fr)  
Ustensile de nettoyage

Publication  
**EP 1481626 B1 20091028 (DE)**

Application  
**EP 04006518 A 20040318**

Priority  
DE 20308477 U 20030530

Abstract (en)  
[origin: EP1481626A1] The cleaning device (1) has a brush head (2) fastened to the end of a long handle (4). A holder (12) on the middle of the handle has a broad clamp (13) which grasps the middle portion of a cylindrical bottle (5). There are end steadying forks (14) engaging grooves (15,16) at the ends of the bottle. The bottle containing cleaning or disinfectant fluid (3) is snapped into the clamp so that the outlet opening (8) is at the bottom. The fluid flows through a flexible tube (9) to the brush head.

IPC 8 full level  
**A47L 13/22** (2006.01)

CPC (source: EP)  
**A47L 13/22** (2013.01)

Cited by  
US7497359B2; WO2006138327A1; US9408517B2; WO2008051975A3

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1481626 A1 20041201; EP 1481626 B1 20091028**; AT E446707 T1 20091115; DE 20308477 U1 20030814; DE 502004010285 D1 20091210

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**EP 04006518 A 20040318**; AT 04006518 T 20040318; DE 20308477 U 20030530; DE 502004010285 T 20040318