

Title (en)  
HOUSEHOLD CLEANING TOOL

Title (de)  
HAUSHALTSREINIGUNGSWERKZEUG

Title (fr)  
Utensile de nettoyage à usage domestique

Publication  
**EP 1367928 A1 20031210 (EN)**

Application  
**EP 02726147 A 20020306**

Priority  
• EP 02726147 A 20020306  
• EP 0202508 W 20020306  
• EP 01302238 A 20010312

Abstract (en)  
[origin: WO02071907A1] The invention provides a household cleaning tool (1) comprising a elongate housing (3) having at one end an inclined handle (4) and at the other end a cleaning head (5), the housing further comprising:(a) connection means (11) located between the handle (4) and the cleaning head (5) for the engagement of a removable cartridge (9) of household cleaning fluid (10), and (b) pumping means (6) located between the connection means (11) and the cleaning head (5) for the transfer of household cleaning fluid (10) from the cartridge (9) to the cleaning head (5);in which the cartridge (9) is removable from the housing (3) by disengaging the connection means (11) and pulling the cartridge (9) from the housing (3), and in which the cartridge (9) is slidably received in the housing (3) and can be pushed down in the direction of the cleaning head (5) in order to actuate the pumping means (6) and thereby dispense the household cleaning fluid (10) from the cartridge (9) to the cleaning head (5) via the pumping means (6).

IPC 1-7  
**A47K 11/10**; A46B 11/00

IPC 8 full level  
**A46B 11/00** (2006.01); **A46B 13/02** (2006.01); **A47K 11/10** (2006.01)

CPC (source: EP)  
**A46B 13/02** (2013.01); **A47K 11/10** (2013.01); **A46B 2200/3073** (2013.01)

Citation (search report)  
See references of WO 02071907A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 02071907 A1 20020919**; AT E330529 T1 20060715; CA 2439058 A1 20020919; CA 2439058 C 20090616; DE 20280404 U1 20031204; DE 60212583 D1 20060803; DE 60212583 T2 20070705; EP 1367928 A1 20031210; EP 1367928 B1 20060621; ES 2266490 T3 20070301; HU 2760 U 20040628; JP 3106831 U 20050127; ZA 200201783 B 20030904

DOCDB simple family (application)  
**EP 0202508 W 20020306**; AT 02726147 T 20020306; CA 2439058 A 20020306; DE 20280404 U 20020306; DE 60212583 T 20020306; EP 02726147 A 20020306; ES 02726147 T 20020306; HU 0300255 U 20020306; JP 2002600075 U 20020306; ZA 200201783 A 20020304