

Title (en)
Cleaning implement with detergent reservoir

Title (de)
Reinigungsvorrichtung mit Spülmittelbehälter

Title (fr)
Accessoire de nettoyage avec réservoir de détergent

Publication
EP 1508284 A1 20050223 (EN)

Application
EP 04254655 A 20040803

Priority
US 64514803 A 20030822

Abstract (en)
A cleaning implement such as a brush has a main body (4) with a plurality of bristles (10) depending from an underside thereof, and a fluid-containing reservoir (6), with an opening provided in a lower region of the body in communication with the reservoir (6) and closed by a valve (22, 122), with a depressible valve actuating button located on the body (4) such that its axis of movement makes an angle of less than about 10 DEG to a lateral direction, and controlling opening of the valve by a pressure response or by an actuating member.

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A46B 11/00

IPC 8 full level
A47L 17/00 (2006.01); **A46B 11/00** (2006.01); **A46B 11/02** (2006.01); **A46B 11/04** (2006.01); **A47L 13/26** (2006.01); **A47L 17/04** (2006.01); **B65D 47/42** (2006.01)

CPC (source: EP)
A46B 11/0013 (2013.01); **A46B 2200/3033** (2013.01)

Citation (search report)
• [X] DE 352295 C 19220424 - GEORG LOEWENTHAL
• [X] GB 617181 A 19490202 - MARSH STENCIL MACHINE COMPANY
• [X] CH 271337 A 19501031 - WERENFELS TRUDI [CH]
• [X] US 2284952 A 19420602 - PALMER DUEY HAROLD
• [X] US 2557267 A 19510619 - ELLINGER FLORA H
• [X] US 6036391 A 20000314 - HOLLIDAY BRIAN [US], et al
• [A] US 3119142 A 19640128 - FLETCHER KENNETH E
• [A] US 3545874 A 19701208 - SCHWARTZMAN GILBERT

Cited by
US10233587B2; GB2478935A; USD942715S; USD1007085S; US10544538B2; US11332876B2; USD909066S; USD925923S; USD974770S; USD1014979S

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