Title (en)
   Cleaning device

Title (de)
   Reinigungsgerät

Title (fr)
   Appareil de nettoyage

Publication
   EP 2351673 A1 20110803 (DE)

Application
   EP 10009079 A 20061011

Priority
   • EP 10009079 A 20061011
   • DE 102005049486 A 20051013

Abstract (en)
   The device (1) can be used for cleaning smooth surfaces. A hexagonal operating element or an element with rounded corners is attached to a swivel mounted stick (11), which can be telescopic. The element (1) is of a long (5) and narrow (6) shape and has a holding unit (2) made of rigid plastic. A soft cleaning part (3) with an abrasive lower surface (14) is attached to the lower surface of the holding element (2) exceeding the element at the surrounding edges (4). The parts (2,3) are joined with complementary patches of Velcro(RTM).

Abstract (de)
   Reinigungsgerät (1), umfassend einen Tragkörper (2) an dem ein in der Draufsicht sechseckig oder zitrorrenförmig ausgebildeter Reinigungskörper (3) lösbar befestigbar ist, wobei der Tragkörper (2) einen Begrenzungsrand (4) aufweist, wobei der Reinigungskörper (3) den Begrenzungsrand (4) des Tragkörpers (2) überragt

IPC 8 full level
   B60S 3/04 (2006.01); **A47L 13/254** (2006.01); **A47L 13/257** (2006.01)

CPC (source: EP)
   A47L 13/254 (2013.01); **A47L 13/256** (2013.01); **A47L 13/257** (2013.01)

Citation (applicant)
   DE 20120211 U1 20020228 - HEINZ THOMAS [DE]

Citation (search report)
   • [XYI] WO 2005023080 A2 20050317 - PROCTER & GAMBLE [US], et al
   • [XA] EP 1157653 A2 20011128 - FREUDENBERG CARL FA [DE]
   • [X] US 1989825 A 19350205 - SCHAEFER OTTO T, et al
   • [Y] US 2003044569 A1 20030306 - KACHER MARK LESLIE [US], et al

Designated contracting state (EPC)
   AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
   DE 102005049486 A1 20070419; AU 2006301517 A1 20070419; AU 2006301517 B2 20110421; CA 2625679 A1 20070419;
   CA 2625679 C 20130514; EP 1943132 A2 20080716; EP 2351673 A1 20110803; WO 2007042285 A2 20070419; WO 2007042285 A3 20070726

DOCDB simple family (application)
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