

Title (en)
WASHING BRUSH

Title (de)
WASCHBÜRSTE

Title (fr)
BROSSE DE LAVAGE

Publication
EP 1549176 A1 20050706 (EN)

Application
EP 04736705 A 20040611

Priority
• KR 2004001392 W 20040611
• KR 20030040200 A 20030620

Abstract (en)
[origin: US2006080798A1] The present invention is directed to a washing brush in which a core for fixing washing threads can keep a straight shape thereof rigidly and the threads are fixed to the core uniformly, densely, and rigidly, so that it can be properly applied to an automatic washing device and also prevent the threads from being separated from the core. The present invention provides the washing brush comprising a core having a recess formed at a circumference thereof along an axial direction with a predetermined distance, and a wing formed between the recesses; a plurality of fixing rings surrounding the circumference of the core; washing threads bent at a middle portion thereof, wherein bent portions thereof are caught at each fixing ring and are inserted in the recess; and a fixing means provided to the core and making the rings in close contact with each other.

IPC 1-7
A46B 13/08; **A46B 15/00**; **A47L 17/00**

IPC 8 full level
A46B 3/10 (2006.01); **A46B 13/08** (2006.01); **A46B 3/08** (2006.01); **A46B 13/00** (2006.01); **A46B 15/00** (2006.01); **A47L 17/00** (2006.01)

CPC (source: EP KR US)
A46B 3/08 (2013.01 - EP US); **A46B 3/10** (2013.01 - EP US); **A46B 13/001** (2013.01 - EP US); **A46B 13/003** (2013.01 - EP US);
A46B 13/08 (2013.01 - KR); **A46B 2200/3046** (2013.01 - EP US)

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

DOCDB simple family (publication)
US 2006080798 A1 20060420; CA 2496031 A1 20041229; CN 100360066 C 20080109; CN 1700874 A 20051123; EP 1549176 A1 20050706; EP 1549176 A4 20070815; JP 2007520242 A 20070726; KR 100476341 B1 20050318; KR 20040110752 A 20041231; WO 2004112537 A1 20041229

DOCDB simple family (application)
US 52490505 A 20050217; CA 2496031 A 20040611; CN 200480000832 A 20040611; EP 04736705 A 20040611; JP 2005518170 A 20040611; KR 20030040200 A 20030620; KR 2004001392 W 20040611