

Title (en)  
Broom brush for a cleaning vehicle

Title (de)  
Besenbürste für ein Reinigungsfahrzeug

Title (fr)  
Brosse de balai pour véhicule de nettoyage

Publication  
**EP 2443961 A1 20120425 (EN)**

Application  
**EP 11001058 A 20110209**

Priority  
KR 20100103487 A 20101022

Abstract (en)  
A broom brush for a cleaning vehicle is disclosed, which has an excellent elastic recovery force and an enhances anti-wearing performance while preventing the neighboring brushing members from being entangled for thereby extending a life span of a product and reducing a maintenance cost. The broom brush for a cleaning vehicle comprises a plurality of brushing members which are engaged at a front side of a cleaning vehicle for cleaning a certain area with the aid of a rotation operation, said brushing members comprising cores made of metallic wires each having a certain elastic force. The metallic wires have plastic coating layers coated on the outer sides of the cores.

IPC 8 full level  
**A46B 13/00** (2006.01); **A46D 1/00** (2006.01); **E01H 1/05** (2006.01)

CPC (source: EP US)  
**A46B 13/003** (2013.01 - EP US); **A46D 1/00** (2013.01 - EP US); **E01H 1/056** (2013.01 - EP US); **A46B 2200/3066** (2013.01 - EP US)

Citation (search report)

- [XY] US 5249332 A 19931005 - WILKERSON KENNETH R [US]
- [XA] WO 2010024670 A1 20100304 - JORISSEN CLEMENS JOHANNES FRANCISCUS MARIA [NL]
- [Y] GB 962502 A 19640701 - NAT AIRCRAFT CORP
- [Y] US 2682734 A 19540706 - PETERSON RUBEN O
- [Y] DE 29710671 U1 19970904 - LIPPERT H GMBH [DE]
- [Y] DE 1969618 U 19671005 - KULLENBUERSTEN KULLEN & CO K G [DE]

Cited by  
CZ307804B6

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)

**EP 2443961 A1 20120425**; AU 2011200829 A1 20120510; CN 102454161 A 20120516; KR 101257308 B1 20130423;  
KR 20120042024 A 20120503; SG 180065 A1 20120530; TW 201217073 A 20120501; US 2012096663 A1 20120426

DOCDB simple family (application)

**EP 11001058 A 20110209**; AU 2011200829 A 20110225; CN 201010573883 A 20101126; KR 20100103487 A 20101022;  
SG 2011005105 A 20110124; TW 99141695 A 20101201; US 95257910 A 20101123