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(54) Title: COMPOSITE SURFACE CLEANING ARTICLE



Fig. 1

(57) Abstract: Composite surface cleaning articles are disclosed which include a base member which may be a glove or mitten and includes an array of hooks on a portion of an outer surface, and a three zone pad which includes an assembly zone of a low density, open non-woven fibrous structure suitable for joining with the hooks of the base member, a supporting zone adjacent to the assembly zone of an intermediate density, open non-woven fibrous structure, and a cleaning zone adjacent to the supporting zone of a high density, open non-woven fibrous structure and abrasive, wherein the pad is removably attached to the base member.

A. CLASSIFICATION OF SUBJECT MATTER*A47L 13/16(2006.01)i, A47L 13/18(2006.01)i, A47L 13/08(2006.01)i*

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: nonwoven, abras*, clean*

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 07-027452 U (AKIO; H.) 23 May 1995 See abstract; figures 1-3; paragraphs 0013-0020, and claims 1,4-8	1-24
A	WO 2005-004588 A1 (MARS INCORPORATED) 20 January 2005 See abstract; figures 1-3; pages 4-5, and claims 1,2,12	1-24
A	US 2001-0036787 A1 (BRENNAN; JONATHAN PAUL) 01 November 2001 See abstract; figures 1-2; pages 2-3, and claim 1	1-24
A	US 2005-0136238 A1 (LINDSAY; JEFFREY, et al.) 23 June 2005 See abstract; figures 1-22, and claim 1	1-24



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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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