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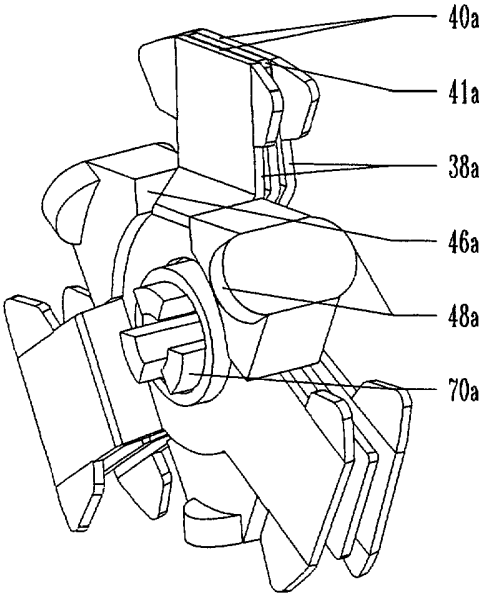
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(54) Title: HAIR DEPILATING DEVICE AND METHOD FOR IMPROVED DEPILATING COVERAGE



(57) Abstract: A hand-held, motorized depilating device, introducing a novel mechanical design to provide improved depilating coverage and hair plucking efficiency, without requiring the user to pass the device over the same given skin area numerous times. The hair-plucking assembly is rotatable about a shaft and includes at least two disc assemblies, each comprising a pair of complementary discs, mounted on a hub, and having radially extending arms which terminate in a flattened peripheral portion, which when pressed against a corresponding portion forms a trap for the hair. At least one of the radially extending arms is bent, so that the associated hair trap lies in a different predetermined plane than the other hair-traps associated with that disc assembly. This staggered arrangement results in improved depilating coverage. In another embodiment, the hub's edge has formed thereon a pinch plate, disposed in between the complementary discs, thereby doubling the number of hair-traps, and greatly increasing depilating efficiency.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) : A22B 05/08
US CL : 452, 71, 82, 83
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 452, 71, 82, 83, 84, 85; 606/131, 133

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

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,057,115 A (Dolev) 15 October 1991 (15.10.1991), figures 1-4.	1-17
A	US 5,196,021 A (Kabla) 23 March 1993 (23.03.1993), figures 3-6.	1-17
A	US 5,281,233 A (Dolev) 25 January 1994 (25.01.1994), figures 1-5.	1-17
A	US 5,857,903 A (Ramspeck et al.) 12 January 1999 (12.01.1999), figures 3-6.	1-17
A	US 6,033,416 A (Louison et al.) 07 March 2000 (07.03.2000), figures 2-4.	1-17
A	US 6,123,713 A (Yiu et al.) 26 September 2000 (26.09.2000), figures 2-5.	1-17
A	US 6,287,190 B1 (Inoue et al.) 11 September 2001 (11.09.2001), figures 12-14.	1-17

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