

Title (en)
Hair removing apparatus with rotary roller

Title (de)
Haarentfernungsgerät mit drehbarer Rolle

Title (fr)
Appareil à épiler à rouleau rotatif

Publication
EP 1240843 A3 20021113 (FR)

Application
EP 02012787 A 19980105

Priority
• EP 98902021 A 19980105
• FR 9700224 A 19970106

Abstract (en)
[origin: US6033416A] PCT No. PCT/FR98/00004 Sec. 371 Date Mar. 24, 1999 Sec. 102(e) Date Mar. 24, 1999 PCT Filed Jan. 5, 1998 PCT Pub. No. WO98/30125 PCT Pub. Date Jul. 16, 1998A depilatory device having a manually grippable casing and enclosing a motor for driving a rotary roller (1) around a central shaft (10) disposed behind a window provided in the casing. The roller has one or several rows of tweezers, each row being formed by a first series of side-by-side, parallel movable blades (20) interposed with a second series of fixed disks or equally movable blades (40), as well as control elements (56-85) for moving the movable blades in translation in the longitudinal direction of the shaft so as to press them against the others in order to grasp the hairs to be extracted, then separate them. The blades (20, 40) of at least one series are cross-shaped, one pair of opposite arms (23) being at least partly curved in one longitudinal direction, the other orthogonal pair of opposite arms (23') being at least partly curved in the other direction, these blades being held by their respective support (10, 30) in their base (21, 41) at the junction point of the arms.

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A45D 26/00

IPC 8 full level
A45D 26/00 (2006.01)

CPC (source: EP US)
A45D 26/0028 (2013.01 - EP US)

Citation (search report)
• [DA] FR 2675354 A1 19921023 - SEB SA [FR]
• [DA] WO 9215223 A1 19920917 - BARSEVER SOL [US]
• [A] US 5281233 A 19940125 - DOLEV MOSHE [IL]
• [DA] FR 2662338 A1 19911129 - MATSUSHITA ELECTRIC WORKS LTD [JP]
• [DA] EP 0147285 A2 19850703 - ALAZET JEAN [FR], et al

Cited by
ES2273541A1

Designated contracting state (EPC)
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US 6033416 A 20000307; AU 5868298 A 19980803; BR 9804761 A 20000118; CN 1138495 C 20040218; CN 1187006 C 20050202; CN 1215981 A 19990505; CN 1500422 A 20040602; DE 69813407 D1 20030522; DE 69813407 T2 20040129; DE 69821807 D1 20040325; DE 69821807 T2 20050113; EP 0895453 A1 19990210; EP 0895453 B1 20030416; EP 1240843 A2 20020918; EP 1240843 A3 20021113; EP 1240843 B1 20040218; ES 2194301 T3 20031116; ES 2213724 T3 20040901; FR 2758060 A1 19980710; FR 2758060 B1 19990305; HK 1019545 A1 20000218; IL 126052 A0 19990509; IL 126052 A 20010808; JP 2000507145 A 20000613; WO 9830125 A1 19980716

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US 14223299 A 19990324; AU 5868298 A 19980105; BR 9804761 A 19980105; CN 200310118382 A 19980105; CN 98800016 A 19980105; DE 69813407 T 19980105; DE 69821807 T 19980105; EP 02012787 A 19980105; EP 98902021 A 19980105; ES 02012787 T 19980105; ES 98902021 T 19980105; FR 9700224 A 19970106; FR 9800004 W 19980105; HK 99104744 A 19991025; IL 12605298 A 19980105; JP 53058998 A 19980105