

Title (en)  
Epilation device

Title (de)  
Haarentfernungsvorrichtung

Title (fr)  
Dispositif d'épilation

Publication  
**EP 2145558 A1 20100120 (EN)**

Application  
**EP 08012880 A 20080717**

Priority  
EP 08012880 A 20080717

Abstract (en)  
An epilation device (100) is proposed that has a housing (101), a roll-like epilation implement (10) mounted at the housing (101), which epilation implement (10) has clamping units (11) for successively clamping and plucking hairs, and the epilation device (100) has further a powered motor (30) operatively coupled to the epilation implement (10), and a motor control (20, 21, 22). The proposed epilation device (100) is arranged to have at least a fast operation mode in which the motor (30) is controlled by the motor control (20, 21, 22) such that the clamping units (11) move with a circumferential speed of more than 2.5 meters per second relative to the housing (101). This serves to e.g. achieve a gap-less clamping and plucking in a use direction (U) even if the epilation device (100) is drawn over the skin with a relatively high speed.

IPC 8 full level  
**A45D 26/00** (2006.01)

CPC (source: EP US)  
**A45D 26/0028** (2013.01 - EP US); **A45D 2026/008** (2013.01 - EP US)

Citation (applicant)  
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• EP 0532106 A1 19930317 - PHILIPS NV [NL]  
• WO 2006037392 A1 20060413 - BRAUN GMBH [DE], et al  
• US 2007093853 A1 20070426 - PORAN YEHUDA [IL]  
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Citation (search report)  
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• [A] US 6176862 B1 20010123 - DELAY JEAN-PASCAL [FR], et al  
• [A] US 5611804 A 19970318 - HEINTKE HANS-EBERHARD [DE], et al  
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2145558 A1 20100120; EP 2145558 B1 20110302**; AT E499855 T1 20110315; CN 102098940 A 20110615; CN 102098940 B 20130904; DE 602008005293 D1 20110414; JP 2011527623 A 20111104; JP 5547185 B2 20140709; PL 2145558 T3 20110729; US 2011130770 A1 20110602; WO 2010006675 A1 20100121

DOCDB simple family (application)  
**EP 08012880 A 20080717**; AT 08012880 T 20080717; CN 200980127786 A 20090618; DE 602008005293 T 20080717; EP 2009004394 W 20090618; JP 2011517766 A 20090618; PL 08012880 T 20080717; US 98537611 A 20110106