

Title (en)  
Ultrasonic cosmetic device

Title (de)  
Kosmetische Ultraschallvorrichtung

Title (fr)  
Dispositif cosmétique à ultrasons

Publication  
**EP 2042147 A1 20090401 (EN)**

Application  
**EP 08016300 A 20080916**

Priority  
JP 2007255198 A 20070928

Abstract (en)  
An ultrasonic cosmetic device including: an ultrasonic vibrator (75) for generating ultrasonic vibrations; a probe head (9) for transmitting the ultrasonic vibrations generated by the ultrasonic vibrator to a skin surface, the probe head having a contact surface (9a) to be brought into contact with the skin surface when the probe head is pressed forward in a first direction to the skin surface; and an impurity remover (11) provided around the contact surface of the probe head for removing impurities from the skin surface, the impurity remover having a front end (11d) which protrudes forward of the contact surface of the probe head in the first direction.

IPC 8 full level  
**A61H 7/00** (2006.01); **A61H 23/02** (2006.01)

CPC (source: EP)  
**A61H 7/005** (2013.01); **A61H 23/0245** (2013.01); **A61H 23/0263** (2013.01); **A61H 2201/0153** (2013.01); **A61H 2201/1604** (2013.01); **A61H 2205/022** (2013.01)

Citation (applicant)

- JP 2000197518 A 20000718 - MATSUSHITA ELECTRIC WORKS LTD
- WO 2004087034 A1 20041014 - GEN PROJECT S R L [IT], et al
- JP H10263038 A 19981006 - MATSUSHITA ELECTRIC WORKS LTD

Citation (search report)

- [X] WO 2004087034 A1 20041014 - GEN PROJECT S R L [IT], et al
- [X] JP H09206130 A 19970812 - DAN REN
- [X] JP H10263038 A 19981006 - MATSUSHITA ELECTRIC WORKS LTD
- [X] DE 20313648 U1 20031211 - KRAUTH PETER GMBH [DE]

Cited by  
US9849061B2; US9937097B2; US9763851B2; US10857063B2; US11090220B2; US11103418B2

Designated contracting state (EPC)  
DE

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2042147 A1 20090401**; CN 101396591 A 20090401; JP 2009082376 A 20090423; JP 4400665 B2 20100120; RU 2008138458 A 20100410; RU 2396935 C2 20100820

DOCDB simple family (application)  
**EP 08016300 A 20080916**; CN 200810161086 A 20080926; JP 2007255198 A 20070928; RU 2008138458 A 20080926