

Title (en)

DEVICE FOR THE SAFE, PAINLESS AND PERMANENT REMOVAL OF UNWANTED HAIRGROWTH

Title (de)

VORRICHTUNG ZUR SICHEREN, SCHMERZLOSEN UND DAUERHAFTEN ENTFERNUNG VON UNERWÜNSCHTEM HAARWUCHS

Title (fr)

DISPOSITIF DESTINE A L'ENLEVEMENT DEFINITIF, SUR ET SANS DOULEUR DE PILOSITES NON VOULUES

Publication

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Application

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Abstract (en)

[origin: WO9807379A1] The object of the invention is a device for the safe and painless permanent removal of unwanted body hair by means of light. Semiconductor (22) and/or laser diodes (23) mounted on a printed circuit board serve as the light-source. The diodes (22, 23) can be individually selected - switched ON or OFF. They emit light at different wavelengths. An optic (16, 16') mounted in the applicator (14) focuses the light on to the skin to be treated. A photo-sensor (24) mounted on the printed circuit board (21) registers the reflection of light from the skin's surface. With this biofeedback signal, the radiation intensity and wavelength of the light-source (20) can be semi- or fully automatically adjusted. The invention is for dermatological use.

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