

Title (en)

DERMAL DIAGNOSTIC ANALYSIS SYSTEM AND METHOD

Title (de)

ANORDNUNG UND VERFAHREN ZUR DERMATOLOGISCHEN DIAGNOSE

Title (fr)

SYSTEME ET PROCEDE D'ANALYSE DIAGNOSTIQUE DERMIQUE

Publication

**EP 0904007 A1 19990331 (EN)**

Application

**EP 97925253 A 19970610**

Priority

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- IL 11863496 A 19960611

Abstract (en)

[origin: WO9747235A1] Dermal diagnostic analysis system and method are provided which may be used for quantifying the visual appearance of skin disorders such as melanoma. The system comprises an imaging element (12) for capturing an image of a skin region; a processing element (14) for converting the captured image to digital image information for analysis, display and storage; and a display element (18) for displaying the digital image information, wherein the digital image information is provided on the display element as border outline of a dark area within the skin region in accordance with a predefined set of parameters; and the digital image information including aspects of the displayed border outline such as its contour, and skin color variations of the area along a pre-selected section line segment, wherein the skin color variations are normalized with respect to a reference portion of the captured skin region image.

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