

Title (en)

METHOD AND DEVICE FOR DETERMINING A LEVEL OF COLONISATION OF ACNE BACTERIA ON SKIN

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ERMITTELN EINES BESIEDELUNGSGRADES VON HAUT MIT AKNEBAKTERIEN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR DÉTERMINER UN NIVEAU DE CONTAMINATION DE LA PEAU PAR DES BACTÉRIES D'ACNÉIQUES

Publication

**EP 3595511 A1 20200122 (DE)**

Application

**EP 18708658 A 20180301**

Priority

- DE 102017204365 A 20170316
- EP 2018055024 W 20180301

Abstract (en)

[origin: WO2018166804A1] Disclosed is a method with different embodiments for determining a level of colonisation of acne bacterial on skin. The method can comprise the following steps: for at least one area of the skin of a user, when the area of the skin is illuminated with ultraviolet and/or blue light, recording the skin area using a camera, wherein the camera is designed to capture at least light in a fluorescence wavelength range of fluorescence means generated by the acne bacteria; in the recording, determining a captured amount of light which has been emitted as fluorescence as a result the illumination by the fluorescence means; and allocating a level of colonisation of the skin with the determined detected amount of light, wherein the allocation of the level of colonisation of the skin to the determined detected amount of light takes place using a data base stored in a processor cloud architecture.

IPC 8 full level

**A61B 5/00** (2006.01)

CPC (source: EP US)

**A61B 5/0013** (2013.01 - US); **A61B 5/0022** (2013.01 - EP US); **A61B 5/0071** (2013.01 - EP US); **A61B 5/0077** (2013.01 - US); **A61B 5/445** (2013.01 - EP US); **A61B 5/486** (2013.01 - US); **A61B 5/6898** (2013.01 - EP); **C07D 403/14** (2013.01 - US); **G16H 40/67** (2017.12 - EP)

Citation (search report)

See references of WO 2018166804A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018166804 A1 20180920**; DE 102017204365 A1 20180920; EP 3595511 A1 20200122; US 2020000397 A1 20200102

DOCDB simple family (application)

**EP 2018055024 W 20180301**; DE 102017204365 A 20170316; EP 18708658 A 20180301; US 201816481578 A 20180301