

Title (en)

METHOD FOR DETERMINING STANDARDISED LIGHTING, AND ASSOCIATED DEVICE

Title (de)

VERFAHREN ZUR BESTIMMUNG VON STANDARDISIERTER BELEUCHTUNG UND ZUGEHÖRIGE VORRICHTUNG

Title (fr)

PROCÉDÉ DE DÉTERMINATION D'UN ÉCLAIRAGE STANDARDISÉ ET DISPOSITIF ASSOCIÉ

Publication

**EP 2680751 A1 20140108 (FR)**

Application

**EP 12708960 A 20120301**

Priority

- FR 1151757 A 20110304
- IB 2012050972 W 20120301

Abstract (en)

[origin: WO2012120413A1] The invention relates to a method for determining the optimised lighting of an area of human skin for studying the surface condition thereof, the area of skin having raised areas, the lighting coming from a device comprising one or more light sources and generating shadow areas next to the raised areas, the method including the following steps: defining a first parameter P1 according to the contrast between the luminosity inside the shadow areas and the luminosity outside the shadow areas; defining a second parameter P2 in accordance with the uniformity of the luminosity; defining a cost function C according to the first parameter P1 and/or to the second parameter P2; and searching for a maximum for the cost function C.

IPC 8 full level

**A61B 5/103** (2006.01); **A61B 5/00** (2006.01)

CPC (source: EP)

**A61B 5/0077** (2013.01); **A61B 5/441** (2013.01)

Citation (search report)

See references of WO 2012120413A1

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

DOCDB simple family (publication)

**FR 2972109 A1 20120907**; BR 112013022128 A2 20161206; CN 103517671 A 20140115; CN 103517671 B 20151125; EP 2680751 A1 20140108; WO 2012120413 A1 20120913

DOCDB simple family (application)

**FR 1151757 A 20110304**; BR 112013022128 A 20120301; CN 201280018843 A 20120301; EP 12708960 A 20120301; IB 2012050972 W 20120301