

Title (en)

SKIN TREATMENT MODULE AND SYSTEM

Title (de)

HAUTBEHANDLUNGSMODUL UND -SYSTEM

Title (fr)

MODULE ET SYSTÈME DE TRAITEMENT DE LA PEAU

Publication

**EP 4267240 A1 20231101 (EN)**

Application

**EP 21839219 A 20211220**

Priority

- DE 102020134874 A 20201223
- EP 2021086698 W 20211220

Abstract (en)

[origin: WO2022136216A1] A modular skin treatment system (100) for treating skin conditions of a user using the modular skin treatment system (100), wherein the modular skin treatment system (100) comprises a plurality of skin treatment modules (10), wherein each one of the skin treatment modules (10) comprises: one or more light emitting diodes, LEDs, (18) configured to emit light at a wavelength of between 280 nm and 340 nm, preferably between 290nm and 320 nm, and more preferably between 305nm and 315 nm; a module housing (14) within which the one or more LEDs (18) are arranged, wherein a first side of the module housing (14) comprises a cover (20), wherein the cover (20) is transparent to the wavelength of the one or more LEDs; a module control board (12) coupled to the one or more LEDs (18) and configured to control the one or more LEDs (18); and one or more sensors (16) coupled to the module control board (12) and arranged within the module housing (14), wherein the module control board (12) is further configured to monitor one or more parameters relating to the skin treatment module, in particular the one or more LEDs (18), and/or the user via the one or more sensors (16), wherein the one or more sensors (16) are configured to measure: a temperature of the user and/or the skin treatment module (10), a distance of the skin treatment module (10) from the user, and a movement of the skin treatment module (10) in relation to the user.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2022136216A1

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