

Title (en)

PARAMETERIZED OPERATING ENVIRONMENT FOR IRRADIATION

Title (de)

PARAMETRISIERTE BETRIEBSUMGEBUNG FÜR BESTRAHLUNGEN

Title (fr)

ENVIRONNEMENT DE FONCTIONNEMENT PARAMÉTRÉ POUR IRRADIATIONS

Publication

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Application

EP 20718810 A 20200402

Priority

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Abstract (en)

[origin: WO2020202064A1] The invention relates to an apparatus (30) for irradiating the human body or parts of the human body with optical radiation. The apparatus (30) comprises a first interface (20) for transmitting data, an analysis module (22) for creating a parameterized operating environment (23) on the basis of the transmitted data, a control unit (24) for adapting device settings on the basis of the parameterized operating environment created, and an irradiation unit (26) which receives a signal (25) from the control unit (24) according to the parameterized operating environment (23) created. The invention further relates to a system, a method and a computer program product for carrying out the method.

IPC 8 full level

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CPC (source: CH EP KR US)

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Citation (examination)

- DE 102013113445 A1 20140612 - FRAUNHOFER GES FORSCHUNG [DE], et al
- WO 2018065342 A1 20180412 - PHILIPS LIGHTING HOLDING BV [NL]
- WO 2019020137 A1 20190131 - WOM WORLD MEDICINE GMBH [DE]
- EP 3361401 A1 20180815 - CORSO SAUNA MANUFAKTUR GMBH [DE]
- US 2018015300 A1 20180118 - HAMID TAMIM [US]
- US 2018243580 A1 20180830 - VERHOEKS JOSEPHUS JOHANNES THEODOOR LOUIS [NL], et al
- US 2010057651 A1 20100304 - FUNG GLENN [US], et al
- See also references of WO 2020202064A1

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JP 2021558767 A 20200402; KR 20217035572 A 20200402; MX 2021012111 A 20200402; US 202017600645 A 20200402