

Title (en)

PROCESS AND SYSTEM FOR UTILIZING ENERGY TO TREAT BIOLOGICAL TISSUE

Title (de)

VERFAHREN UND SYSTEM ZUR NUTZUNG VON ENERGIE ZUR BEHANDLUNG VON BIOLOGISCHEM GEWEBE

Title (fr)

MÉTHODE ET SYSTÈME PERMETTANT D'UTILISER UNE ÉNERGIE EN VUE DE TRAITER UN TISSU BIOLOGIQUE

Publication

**EP 3703815 A4 20200909 (EN)**

Application

**EP 18877518 A 20180719**

Priority

- US 201715813645 A 20171115
- US 201815918487 A 20180312
- US 201816038561 A 20180718
- US 2018042833 W 20180719

Abstract (en)

[origin: WO2019099068A1] A process for heat treating biological tissue includes generating treatment radiation having a predetermined wavelength and average power. The treatment radiation is applied to biological tissue, such as retinal tissue, such that at least one treatment spot is formed on the biological tissue and the biological tissue is heat stimulated sufficiently to create a therapeutic effect without destroying the tissue.

IPC 8 full level

**A61N 5/02** (2006.01); **A61N 5/06** (2006.01); **A61N 7/02** (2006.01)

CPC (source: EP)

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Citation (search report)

- [XY] US 2016338757 A1 20161124 - LUTTRULL JEFFREY K [US], et al
- [XY] US 2013317570 A1 20131128 - LUTTRULL JEFFREY K [US], et al
- [A] US 2010049180 A1 20100225 - WELLS JONATHON D [US], et al
- See also references of WO 2019099068A1

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 2019099068 A1 20190523**; AU 2018369022 A1 20200312; AU 2018369022 B2 20230921; BR 112020009238 A2 20201020; CA 3071937 A1 20190523; CN 111343936 A 20200626; CN 111343936 B 20240322; EP 3703815 A1 20200909; EP 3703815 A4 20200909; JP 2021502834 A 20210204; JP 7130271 B2 20220905

DOCDB simple family (application)

**US 2018042833 W 20180719**; AU 2018369022 A 20180719; BR 112020009238 A 20180719; CA 3071937 A 20180719; CN 201880073796 A 20180719; EP 18877518 A 20180719; JP 2020507031 A 20180719