

Title (en)
DENTAL AND MEDICAL TREATMENTS AND PROCEDURES

Title (de)
ZAHNÄRZTLICHE UND MEDIZINISCHE BEHANDLUNGEN UND VERFAHREN

Title (fr)
TRAITEMENTS ET PROCÉDURES DENTAIRES ET MÉDICALES

Publication
EP 2400916 A4 20151223 (EN)

Application
EP 10746978 A 20100301

Priority

- US 2010025775 W 20100301
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- US 39564309 A 20090228

Abstract (en)
[origin: WO2010099538A1] A method treating a root canal in a tooth by introducing into the pulp chamber of a tooth and pulsing a laser light into the fluid reservoir so as to disintegrate pulp within the root canal without generation of any significant heat in said liquid fluid so as to avoid elevating the temperature of any of the dentin, tooth, or other adjacent tissue more than about 5° C.

IPC 8 full level
A61C 5/02 (2006.01); **A61C 1/00** (2006.01); **A61C 5/40** (2017.01)

CPC (source: EP)
A61C 1/0046 (2013.01); **A61C 5/40** (2017.01)

Citation (search report)

- [X] US 2008050702 A1 20080228 - GLOVER DOUGLAS L [US], et al
- [A] SCHOOP U ET AL: "The impact of an erbium, chromium:yttrium-scandium-gallium-garnet laser with radial-firing tips on endodontic treatment", LASERS IN MEDICAL SCIENCE, SPRINGER-VERLAG, LO, vol. 24, no. 1, 20 November 2007 (2007-11-20), pages 59 - 65, XP019663522, ISSN: 1435-604X
- See references of WO 2010099538A1

Citation (examination)
US 2006142745 A1 20060629 - BOUTOUSSOV DMITRI [US]

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010099538 A1 20100902; AU 2010217738 A1 20110908; CA 2753383 A1 20100902; CN 102438542 A 20120502; CN 114557784 A 20220531; EP 2400916 A1 20120104; EP 2400916 A4 20151223; EP 4056142 A1 20220914; JP 2012519039 A 20120823; JP 2016105805 A 20160616; JP 2018126524 A 20180816; JP 2021176543 A 20211111; JP 6678464 B2 20200408; JP 7169074 B2 20221110

DOCDB simple family (application)
US 2010025775 W 20100301; AU 2010217738 A 20100301; CA 2753383 A 20100301; CN 201080018909 A 20100301; CN 202210148384 A 20100301; EP 10746978 A 20100301; EP 22167511 A 20100301; JP 2011552222 A 20100301; JP 2016016011 A 20160129; JP 2018040673 A 20180307; JP 2021110466 A 20210702