

Title (en)
APPARATUS AND METHOD FOR TREATMENT AND PARTICULARLY LASER TREATMENT OF A CANCER OR PRECANCEROUS CONDITION

Title (de)
GERÄT UND VERFAHREN ZUR BEHANDLUNG UND INSBESONDERE ZUR LASERBEHANDLUNG VON KREBS ODER EINEM PRÄKANZERÖSEN ZUSTAND

Title (fr)
APPAREIL ET METHODE DE TRAITEMENT NOTAMMENT PAR LASER D UN C ANCER OU D UN ETAT PRECANCEREUX

Publication
EP 1703948 A1 20060927 (FR)

Application
EP 05715180 A 20050110

Priority
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• FR 0400283 A 20040114

Abstract (en)
[origin: FR2864903A1] The apparatus (1) has a Raman fiber laser (2) for emitting an impulsive therapeutic light beam of wavelength comprised between 1.2 micrometer and 1.3 micrometer. The fiber laser (2) has a laser diode pump (201) with a wavelength of 910 to 930 nanometers, an ytterbium doped fiber laser (202) and a Raman converter (204) for transposing wavelength of laser beam emitted by the fiber laser (202).

IPC 8 full level
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CPC (source: EP US)
A61N 5/0616 (2013.01 - EP US); **A61N 5/067** (2021.08 - EP); **A61B 18/203** (2013.01 - EP US); **A61B 2018/00452** (2013.01 - EP US); **A61N 5/067** (2021.08 - US)

Citation (search report)
See references of WO 2005077460A1

Citation (examination)
• WO 0174230 A2 20011011 - CERAMOPTEC IND INC [US]
• WO 2004009005 A2 20040129 - UNIV LILLE SCIENCES TECH [FR], et al

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