

Title (en)

REFLECTIVE MODE MULTI-SPECTRAL TIME-RESOLVED OPTICAL IMAGING METHODS AND APPARATUSES FOR TISSUE CLASSIFICATION

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR MULTISPEKTRALEN, ZEITAUFGELÖSTEN OPTISCHEN BILDGEBUNG ZUR GEWEBEKLASSIFIZIERUNG

Title (fr)

PROCÉDÉS D'IMAGERIE OPTIQUE MULTISPECTRALE, À RÉOLUTION TEMPORELLE, EN MODE RÉFLECTIF ET APPAREILS DE CLASSIFICATION DE TISSUS

Publication

**EP 3367887 A4 20190522 (EN)**

Application

**EP 16860418 A 20160428**

Priority

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- US 2016029864 W 20160428

Abstract (en)

[origin: WO2017074505A1] Certain aspects relate to apparatuses and techniques for non-invasive optical imaging that acquires a plurality of images corresponding to both different times and different frequencies. Additionally, alternatives described herein are used with a variety of tissue classification applications, including assessing the presence and severity of tissue conditions, such as burns and other wounds.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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- [A] US 2010042004 A1 20100218 - DHAWAN ATAM PRAKASH [US]
- [X] AFROMOWITZ M A ET AL: "MULTISPECTRAL IMAGING OF BURN WOUNDS: A NEW CLINICAL INSTRUMENT FOREVALUATING BURN DEPTH", IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING, IEEE SERVICE CENTER, PISCATAWAY, NJ, USA, vol. 35, no. 10, 1 October 1988 (1988-10-01), pages 842 - 849, XP000120488, ISSN: 0018-9294, DOI: 10.1109/10.7291
- See also references of WO 2017074505A1

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