

Title (en)  
TUMESCENT INFILTRATION DRUG DELIVERY OF CANNABINOIDS

Title (de)  
TUMESZENZINFILTRATIONSARZNEIMITTELABGABE VON CANNABINOIDEN

Title (fr)  
ADMINISTRATION DE CANNABINOÏDES PAR INFILTRATION TUMESCENTE

Publication  
**EP 3917507 A4 20221109 (EN)**

Application  
**EP 20747957 A 20200130**

Priority

- US 201916264440 A 20190131
- US 2020015963 W 20200130

Abstract (en)  
[origin: WO2020160328A1] A tumescent composition including a cannabinoid dissolved in a tumescent solution, wherein the tumescent solution includes a local anesthetic; a vasoconstrictor; and a pharmaceutically acceptable carrier, wherein a tumescent concentration of the cannabinoid is 1-2000 mg/kg and is simultaneously: below a threshold for local, subcutaneous tissue toxicity, above a threshold for positive local therapeutic effect, and above a concentration safely achievable by intravenous (IV), intramuscular (IM) or oral (PO) delivery.

IPC 8 full level  
**A61K 31/137** (2006.01); **A61K 31/352** (2006.01); **A61K 31/522** (2006.01); **A61P 23/02** (2006.01)

CPC (source: EP)  
**A61K 31/05** (2013.01); **A61K 31/137** (2013.01); **A61K 31/167** (2013.01); **A61K 31/352** (2013.01); **A61K 31/522** (2013.01); **A61K 45/06** (2013.01); **A61P 23/02** (2017.12)

Citation (search report)

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- [I] WO 2018081740 A1 20180503 - UNIV CALIFORNIA [US]
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- [A] GREGG J M ET AL: "Cardiovascular effects of cannabinal during oral surgery", ANESTHESIA AND ANALGESIA 1976, vol. 55, no. 2, 1976, pages 203 - 213, XP009539446, ISSN: 0003-2999
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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

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