

Title (en)  
TUMESCENT INFILTRATION DRUG DELIVERY OF CANNABINOIDS

Title (de)  
TUMESZENZINFILTRATIONSARZNEIMITTELABGABE VON CANNABINOIDEN

Title (fr)  
ADMINISTRATION DE CANNABINOÏDES PAR INFILTRATION TUMESCENTE

Publication  
**EP 3917507 A1 20211208 (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)

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)

Cited by  
US11696890B2; US11723859B2

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 2020160328 A1 20200806**; EP 3917507 A1 20211208; EP 3917507 A4 20221109

DOCDB simple family (application)  
**US 2020015963 W 20200130**; EP 20747957 A 20200130