

Title (en)

FORMULATIONS FOR EFFICIENT DELIVERY OF CANNABINOIDS

Title (de)

FORMULIERUNGEN ZUR EFFIZIENTEN VERABREICHUNG VON CANNABINOIDEN

Title (fr)

FORMULATIONS POUR ADMINISTRATION EFFICACE DE CANNABINOÏDES

Publication

**EP 3538078 A4 20200708 (EN)**

Application

**EP 17869632 A 20171111**

Priority

- US 201662420981 P 20161111
- US 2017061202 W 20171111

Abstract (en)

[origin: WO2018089863A1] Lozenges comprising ethyl cellulose and cannabinoids for rapid and efficient delivery of medical cannabinoids are provided. The lozenge is suitable for administration of the cannabinoid(s) through the oral mucosa to the bloodstream. Embodiments of the lozenge are disclosed that comprise additives which alleviate other issues related to administration of cannabinoids. Additives disclosed include xanthan gum to alleviate dry mouth syndrome, essential oils for flavoring and anti-bacterial activities, zinc for breath improvement, permeation enhancers and alkali metal bicarbonates for reducing acidity in the mouth. Methods for manufacture of the lozenges and its use in treatment of disease conditions are provided.

IPC 8 full level

**A61K 9/00** (2006.01); **A61K 31/05** (2006.01); **A61K 31/352** (2006.01); **A61K 36/185** (2006.01); **A61K 47/38** (2006.01); **A61P 25/00** (2006.01); **A61P 25/06** (2006.01)

CPC (source: EP)

**A61K 9/0056** (2013.01); **A61K 31/05** (2013.01); **A61K 31/352** (2013.01); **A61K 36/185** (2013.01); **A61K 47/38** (2013.01); **A61P 25/00** (2017.12); **A61P 25/06** (2017.12)

Citation (search report)

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- [Y] US 2006039959 A1 20060223 - WESSLING WERNER [DE]
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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

DOCDB simple family (publication)

**WO 2018089863 A1 20180517**; CA 3046638 A1 20180517; EP 3538078 A1 20190918; EP 3538078 A4 20200708

DOCDB simple family (application)

**US 2017061202 W 20171111**; CA 3046638 A 20171111; EP 17869632 A 20171111