

Title (en)
GAMMA POLYGLUTAMATED ANTIFOLATES AND USES THEREOF

Title (de)
GAMMA-POLYGLUTAMATIERTE ANTIFOLATE UND VERWENDUNGEN DAVON

Title (fr)
ANTIFOLATES GAMMA-POLYGLUTAMATÉS ET UTILISATIONS ASSOCIÉES

Publication
EP 3749321 A1 20201216 (EN)

Application
EP 19752055 A 20190207

- Priority
- US 201862627733 P 20180207
 - US 201862627732 P 20180207
 - US 201862630625 P 20180214
 - US 201862630751 P 20180214
 - US 201862630652 P 20180214
 - US 201862630620 P 20180214
 - US 201862630824 P 20180214
 - US 201862630613 P 20180214
 - US 201862636289 P 20180228
 - US 201862662372 P 20180425
 - US 201862702774 P 20180724
 - US 201862702779 P 20180724
 - US 201862764951 P 20180817
 - US 201862764945 P 20180817
 - US 2019017004 W 20190207

Abstract (en)
[origin: WO2019157148A1] The disclosure relates generally to gamma polyglutamated Antifolate, formulations containing liposomes filled with gamma polyglutamated Antifolate, methods of making the gamma polyglutamated Antifolate and liposome containing formulations, and methods of using polyglutamated gamma polyglutamated Antifolate and liposome containing formulations to treat hyperproliferative disorders (e.g., cancer) and disorders of the immune system (e.g., inflammation and an autoimmune disease such as rheumatoid arthritis).

IPC 8 full level
A61K 31/519 (2006.01); **C07D 475/04** (2006.01); **C07K 16/28** (2006.01)

CPC (source: EP)
A61K 9/1271 (2013.01); **A61K 31/519** (2013.01); **A61K 31/555** (2013.01); **A61K 33/243** (2019.01); **A61K 45/06** (2013.01); **A61K 47/551** (2017.08); **A61K 47/59** (2017.08); **A61K 47/6913** (2017.08); **A61P 31/00** (2018.01); **A61P 35/00** (2018.01); **A61P 37/00** (2018.01); **C07D 475/08** (2013.01); **C07K 16/28** (2013.01); **C07K 2317/92** (2013.01); **Y02A 50/30** (2018.01)

- C-Set (source: EP)
1. **A61K 31/555** + **A61K 2300/00**
 2. **A61K 31/519** + **A61K 2300/00**
 3. **A61K 33/243** + **A61K 2300/00**

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 2019157148 A1 20190815; CA 3090505 A1 20190815; CN 111936147 A 20201113; EP 3749321 A1 20201216; EP 3749321 A4 20220309; JP 2021513533 A 20210527; JP 2024097894 A 20240719; JP 7490240 B2 20240527

DOCDB simple family (application)
US 2019017004 W 20190207; CA 3090505 A 20190207; CN 201980024669 A 20190207; EP 19752055 A 20190207; JP 2020542733 A 20190207; JP 2024075778 A 20240508