

Title (en)
IMMUNOSTIMULATORY BACTERIA DELIVERY PLATFORMS AND THEIR USE FOR DELIVERY OF THERAPEUTIC PRODUCTS

Title (de)
ABGABEPLATTFORMEN FÜR IMMUNSTIMULIERENDE BAKTERIEN UND DEREN VERWENDUNG ZUR ABGABE THERAPEUTISCHER PRODUKTE

Title (fr)
PLATEFORMES D'ADMINISTRATION DE BACTÉRIES IMMUNOSTIMULATRICES ET LEUR UTILISATION POUR L'ADMINISTRATION DE PRODUITS THÉRAPEUTIQUES

Publication
EP 4058578 A2 20220921 (EN)

Application
EP 20820673 A 20201112

Priority

- US 201962934503 P 20191112
- US 202062962162 P 20200116
- US 202062990404 P 20200316
- US 2020060307 W 20201112

Abstract (en)
[origin: WO2021097144A2] Provided are attenuated immunostimulatory bacteria with genomes that are modified to, for example, reduce toxicity and improve the anti-tumor activity, such as by increasing accumulation in the tumor microenvironment, particularly in tumor- resident myeloid cells, improving resistance to complement inactivation, reducing immune cell death, promoting adaptive immunity, and enhancing T-cell function. The increase in colonization of phagocytic cells improves the delivery of encoded therapeutic products to the tumor microenvironment and tumors, and permits, among other routes, systemic administration of the immunostimulatory bacteria.

IPC 8 full level
C12N 15/113 (2010.01); **A61K 35/74** (2015.01); **A61K 38/00** (2006.01); **A61K 39/00** (2006.01); **A61P 35/00** (2006.01); **C07K 14/47** (2006.01); **C12N 1/36** (2006.01); **C12N 15/117** (2010.01)

CPC (source: EP IL KR)
A61K 31/7088 (2013.01 - EP IL); **A61K 35/17** (2013.01 - EP IL KR); **A61K 35/28** (2013.01 - EP IL); **A61K 35/74** (2013.01 - EP IL KR); **A61K 38/00** (2013.01 - IL KR); **A61K 39/00** (2013.01 - EP IL KR); **A61K 39/00114** (2018.08 - EP IL KR); **A61K 39/001141** (2018.08 - EP IL KR); **A61P 35/00** (2018.01 - EP IL KR); **C07K 14/47** (2013.01 - KR); **C07K 14/4705** (2013.01 - EP IL); **C07K 16/18** (2013.01 - KR); **C12N 1/20** (2013.01 - KR); **C12N 1/36** (2013.01 - EP IL KR); **C12N 15/52** (2013.01 - KR); **C12N 15/74** (2013.01 - KR); **A61K 38/00** (2013.01 - EP); **A61K 2039/523** (2013.01 - EP IL KR); **A61K 2039/572** (2013.01 - EP IL); **A61K 2039/82** (2018.08 - EP IL)

Designated contracting state (EPC)
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Designated extension state (EPC)
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US 2020060307 W 20201112; AU 2020382614 A 20201112; BR 112022009139 A 20201112; CA 3161450 A 20201112; CA 3177479 A 20201112; CN 202080093356 A 20201112; EP 20820673 A 20201112; IL 29283622 A 20220508; JP 2022527167 A 20201112; KR 20227019261 A 20201112; MX 2022005705 A 20201112