

Title (en)  
BROAD AND LONG-LASTING INFLUENZA VACCINE

Title (de)  
BREITER UND LANG ANHALTENDER INFLUENZA-IMPfstoff

Title (fr)  
VACCIN CONTRE LA GRIPPE À LARGE ET LONGUE DURÉE

Publication  
**EP 3953457 A4 20230111 (EN)**

Application  
**EP 20787815 A 20200406**

Priority  
• US 201962830442 P 20190406  
• US 2020026841 W 20200406

Abstract (en)  
[origin: WO2020210149A1] Provided herein are monovalent pharmaceutical compositions (vaccine compositions) and methods for inducing a multi-arm (mucosal, humoral and cell-mediated) immune response and extended seroprotection of at least 12 months post vaccination against influenza virus.

IPC 8 full level  
**C12N 7/00** (2006.01); **C12N 7/01** (2006.01); **C12N 15/00** (2006.01); **C12N 15/44** (2006.01)

CPC (source: EP KR)  
**A61K 9/19** (2013.01 - KR); **A61K 39/145** (2013.01 - KR); **A61K 47/02** (2013.01 - KR); **A61K 47/10** (2013.01 - KR);  
**A61K 47/12** (2013.01 - KR); **A61K 47/18** (2013.01 - KR); **A61K 47/22** (2013.01 - KR); **A61K 47/26** (2013.01 - KR); **A61P 31/16** (2017.12 - KR);  
**C07K 14/005** (2013.01 - EP KR); **C12N 15/86** (2013.01 - EP KR); **A61K 2039/543** (2013.01 - KR); **A61K 2039/57** (2013.01 - KR);  
**C12N 2710/10343** (2013.01 - EP KR); **C12N 2760/16122** (2013.01 - EP KR); **C12N 2800/22** (2013.01 - EP KR)

Citation (search report)  
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• [A] US 2009208531 A1 20090820 - NABEL GARY J [US], et al  
• [A] US 2010099745 A1 20100422 - SAMBHARA SURYAPRAKASH [US], et al  
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• See references of WO 2020210149A1

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)  
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JP 2022526632 A 20220525; KR 20220036909 A 20220323

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**US 2020026841 W 20200406**; CA 3132697 A 20200406; CN 202080041835 A 20200406; EP 20787815 A 20200406;  
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