

Title (en)
PEGYLATED GROWTH HORMONE ANTAGONISTS

Title (de)
PEGYLIERTE WACHSTUMSHORMON-ANTAGONISTEN

Title (fr)
ANTAGONISTES D'HORMONE DE CROISSANCE PÉGYLÉS

Publication
EP 3893919 A4 20221130 (EN)

Application
EP 19896879 A 20191210

Priority
• US 201816216230 A 20181211
• US 2019065385 W 20191210

Abstract (en)
[origin: WO2020123450A1] A composition that is a human growth hormone receptor antagonist comprising human growth hormone receptor antagonist G120K, wherein one or two amino acids of human growth hormone receptor antagonist G120K have been mutated to cysteine; and a polyethylene glycol molecule conjugated to each substituted cysteine in the human growth hormone receptor antagonist G120K mutant.

IPC 8 full level
A61K 38/27 (2006.01); **A61K 47/60** (2017.01); **C07K 14/61** (2006.01)

CPC (source: EP)
A61K 47/60 (2017.08); **C07K 14/61** (2013.01); **C07K 14/72** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)
• [X] US 2017007711 A1 20170112 - BRODY RICHARD S [US]
• [I] DATABASE Geneseq [online] 9 March 2017 (2017-03-09), "Human mutant growth hormone (GH) protein (G120K/H151C), SEQ ID 18.", XP055943327, retrieved from EBI accession no. GSP:BDN14369 Database accession no. BDN14369
• [X] DATABASE Geneseq [online] 9 March 2017 (2017-03-09), "Human mutant growth hormone (GH) protein (G120K/N99C), SEQ ID 14.", XP055944163, retrieved from EBI accession no. GSP:BDN14365 Database accession no. BDN14365
• See also references of WO 2020123450A1

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 2020123450 A1 20200618; CA 3121241 A1 20200618; EP 3893919 A1 20211020; EP 3893919 A4 20221130; JP 2022511951 A 20220201

DOCDB simple family (application)
US 2019065385 W 20191210; CA 3121241 A 20191210; EP 19896879 A 20191210; JP 2021533244 A 20191210