

Title (en)  
NATIVELY GLYCOSYLATED MAMMALIAN BIOLOGICAL MOLECULES PRODUCED BY ELETROMAGNETICALLY STIMULATING LIVING MAMMALIAN CELLS

Title (de)  
DURCH ELEKTROMAGNETISCH STIMULIERTE, LEBENDE SÄUGETIERZELLEN PRODUZIERTE NATIVE GLYKOSYLIERTE BIOLOGISCHE SÄUGETIERMOLEKÜLE

Title (fr)  
MOLECULES BIOLOGIQUES MAMMALIENNES À GLYCOSYLATION NATURELLE PRODUITES PAR STIMULATION ÉLECTROMAGNÉTIQUE DE CELLULES MAMMALIENNES VIVANTES

Publication  
**EP 1991569 A4 20091223 (EN)**

Application  
**EP 06748309 A 20060307**

Priority  
US 2006008071 W 20060307

Abstract (en)  
[origin: WO2007102812A2] The disclosure describes a method for producing natively glycosylated mammalian biological molecules by electromagnetically stimulating mammalian cells using an electromagnetic field. The mammalian cells can be grown in a cell culture chamber, and preferably in a bioreactor that is exposed to a time varying electromagnetic force. The biological molecules can be isolated from the cells and used for therapeutic, research, or other purposes.

IPC 8 full level  
**C07K 14/435** (2006.01); **C07K 14/475** (2006.01); **C07K 14/52** (2006.01); **C12N 5/00** (2006.01); **C12Q 1/00** (2006.01)

CPC (source: EP)  
**A61K 38/1825** (2013.01); **A61K 38/1866** (2013.01); **A61K 38/193** (2013.01); **A61K 38/204** (2013.01); **A61K 38/2053** (2013.01); **A61K 41/0004** (2013.01); **A61K 41/10** (2020.01); **A61K 45/06** (2013.01)

Citation (search report)

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- See references of WO 2007102812A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007102812 A2 20070913; WO 2007102812 A3 20071221; WO 2007102812 A9 20080221**; CN 101213206 A 20080702; EP 1991569 A2 20081119; EP 1991569 A4 20091223; IL 188396 A0 20080807

DOCDB simple family (application)  
**US 2006008071 W 20060307**; CN 200680024071 A 20060307; EP 06748309 A 20060307; IL 18839607 A 20071225