

Title (en)  
CD4 sp + /sp T-LYMPHOCYTE-SPECIFIC HEPATITIS C VIRUS EPITOPES

Title (de)  
CD4 sp + /sp T-LYMPHOZYTEN SPEZIFISCHE HEPATITIS C VIRUS-EPITOPE

Title (fr)  
EPITOPES DU VIRUS DE L'HEPATITE C, SPECIFIQUES DES LYMPHOCYTES CD4+ T

Publication  
**EP 1497324 A2 20050119 (DE)**

Application  
**EP 03717293 A 20030410**

Priority  
• EP 03717293 A 20030410  
• EP 0303732 W 20030410  
• EP 02008033 A 20020410

Abstract (en)  
[origin: EP1357127A1] Hepatitis C virus (HCV) epitopes that are specific for CD4+ T lymphocytes and have an impact factor (IF) at least equal to the mean value (MW) of all IF plus two standard deviations (SD) are new. Hepatitis C virus (HCV) epitopes that are specific for CD4+ T lymphocytes and have an impact factor (IF) at least equal to the mean value (MW) of all IF plus two SD. IF is defined as  $IF = (n1 + 1.5n2)/m \times 100$  where  $n1$  = number of reactions where the stimulation index (SI) was over 3 but less than 6;  $n2$  = number of reactions where SI was over 6;  $m$  = number of tests carried out with a particular peptide and is at least 15. Independent claims are also included for the following: (1) vaccine that contains at least one (A); (2) diagnostic kit that contains at least one (A); (3) cDNA (B) that encodes (A); and (4) vaccine that contains at least one (B).

IPC 1-7  
**C07K 14/18**

IPC 8 full level  
**A61P 31/14** (2006.01); **C07K 14/18** (2006.01); **C12N 15/51** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP US)  
**A61P 31/14** (2018.01 - EP); **A61P 43/00** (2018.01 - EP); **C07K 14/005** (2013.01 - EP US); **A61K 39/00** (2013.01 - EP US); **C12N 2770/24222** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**EP 1357127 A1 20031029**; AU 2003221569 A1 20031020; AU 2003221569 A8 20031020; EP 1497324 A2 20050119; US 2005249754 A1 20051110; US 2008089903 A1 20080417; US 7270820 B2 20070918; WO 03084988 A2 20031016; WO 03084988 A3 20041111

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**EP 02008033 A 20020410**; AU 2003221569 A 20030410; EP 0303732 W 20030410; EP 03717293 A 20030410; US 83795307 A 20070813; US 96214504 A 20041007