

Title (en)

PEPTIDE HOMODIMERS AND PEPTIDE HETERODIMERS, DERIVED FROM INTERFERON ALPHA 2

Title (de)

VON INTERFERON ALPHA 2 ABGELEITETE PEPTID-HOMODIMERE UND PEPTID-HETERODIMERE

Title (fr)

HOMODIMERES PEPTIDIQUES ET HETERODIMERES PEPTIDIQUES DERIVES DE L'INTERFERON ALPHA 2

Publication

**EP 1171463 A2 20020116 (DE)**

Application

**EP 00938493 A 20000419**

Priority

- DE 0001234 W 20000419
- DE 19919149 A 19990427

Abstract (en)

[origin: DE19919149A1] The invention relates to homodimers and heterodimers consisting of peptide monomers which have the amino acid sequence WDETLLKFYTELYQQL (monomer I), SLFSCLKDRHDFGFPQEEFGNQ (monomer II) or QGVGVTTETPLMKEDSILAV (monomer III), or variants thereof. The homodimers or heterodimers bind to the interferon alpha 2 receptor and can optionally trigger a cellular signal. Said dimers are suitable for treating diseases of the immune system, diseases which are linked to increased or reduced cell-proliferation, infectious or inflammatory processes, or for detecting diseases which, for example, are linked to a modified expression of the interferon alpha 2 receptor, or to an expression thereof which is too high or too low.

IPC 1-7

**C07K 14/52**; **C07K 16/24**; **A61P 35/00**; **G01N 33/68**

IPC 8 full level

**G01N 33/53** (2006.01); **A61K 38/00** (2006.01); **A61P 29/00** (2006.01); **A61P 31/00** (2006.01); **A61P 35/00** (2006.01); **A61P 35/02** (2006.01); **A61P 35/04** (2006.01); **A61P 37/00** (2006.01); **A61P 37/02** (2006.01); **A61P 43/00** (2006.01); **C07K 1/06** (2006.01); **C07K 14/56** (2006.01); **C07K 16/24** (2006.01); **C07K 17/08** (2006.01); **G01N 33/531** (2006.01)

CPC (source: EP)

**A61P 29/00** (2017.12); **A61P 31/00** (2017.12); **A61P 35/00** (2017.12); **A61P 35/02** (2017.12); **A61P 35/04** (2017.12); **A61P 37/00** (2017.12); **A61P 37/02** (2017.12); **A61P 43/00** (2017.12); **C07K 14/56** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)

See references of WO 0064936A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19919149 A1 20001116**; AU 5388100 A 20001110; CA 2371662 A1 20001102; EP 1171463 A2 20020116; JP 2002543090 A 20021217; WO 0064936 A2 20001102; WO 0064936 A3 20010222

DOCDB simple family (application)

**DE 19919149 A 19990427**; AU 5388100 A 20000419; CA 2371662 A 20000419; DE 0001234 W 20000419; EP 00938493 A 20000419; JP 2000614285 A 20000419