

Title (en)  
PEPTIDE VACCINE FOR CANINE ALLERGY

Title (de)  
PEPTID IMPFSTOFF GEGEN HUNDE- ALLERGIE

Title (fr)  
VACCIN PEPTIDIQUE POUR ALLERGIE CANINE

Publication  
**EP 1082340 A1 20010314 (EN)**

Application  
**EP 00919927 A 20000330**

Priority  
• US 0008523 W 20000330  
• US 28176199 A 19990330

Abstract (en)  
[origin: WO0058349A1] Disclosed is an isolated and purified peptide comprising a leucine positioned two peptide bonds away from a tyrosine-arginine pair, such as having the configuration: leucine-blank-blank-tyrosine-arginine, tyrosine-arginine-blank-blank-leucine, or, leucine-blank-blank-tyrosine-arginine-blank-blank-leucine, where blank is any amino acid. Other peptides of the invention include those with the sequence cysteine-blank-blank-proline-histidine-blank-blank-blank-cysteine; cysteine-blank-proline-histidine-blank-proline-blank-blank-cysteine. The peptides can be linked to a carrier such as a multiply antigen protein or a plant virus particle. Isolated and purified peptides of the invention can be used to induce canine autoantibodies directed to the canine IgE molecule.

IPC 1-7  
**C07K 7/06**; **C07K 7/08**; **C07K 16/06**; **A61K 39/395**; **C07K 16/28**

IPC 8 full level  
**C12P 21/08** (2006.01); **A61K 38/00** (2006.01); **A61P 37/08** (2006.01); **C07K 7/06** (2006.01); **C07K 7/08** (2006.01); **C07K 16/06** (2006.01); **C07K 16/28** (2006.01); **C07K 16/44** (2006.01); **C12N 7/00** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP US)  
**A61P 37/08** (2018.01 - EP); **C07K 7/06** (2013.01 - EP); **C07K 7/08** (2013.01 - EP); **C07K 16/065** (2013.01 - EP); **C07K 16/2803** (2013.01 - EP); **A61K 39/00** (2013.01 - EP US); **C07K 2317/34** (2013.01 - EP)

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)  
**WO 0058349 A1 20001005**; AU 4053600 A 20001016; CA 2329152 A1 20001005; EP 1082340 A1 20010314; JP 2002540217 A 20021126

DOCDB simple family (application)  
**US 0008523 W 20000330**; AU 4053600 A 20000330; CA 2329152 A 20000330; EP 00919927 A 20000330; JP 2000608048 A 20000330