

Title (en)

AGENT WITH ANTIVIRAL PROPERTIES FOR PREVENTING OR TREATING INDIVIDUALS EXPOSED TO A VIRUS OF THE BIRNAVIRIDAE FAMILY

Title (de)

MITTEL MIT ANTIVIRALEN EIGENSCHAFTEN ZUR VORBEUGUNG ODER BEHANDLUNG VON PERSONEN MIT EINEM VIRUS DER BIRNAVIRIDAE FAMILIE

Title (fr)

AGENT AVEC DES PROPRIÉTÉS ANTIVIRALES POUR LA PRÉVENTION OU LE TRAITEMENT D'INDIVIDUS EXPOSÉS À UN VIRUS DE LA FAMILLE DES BIRNAVIRUS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2016005796A1] The present invention relates to molecules with antiviral properties to prevent the spread of infection in animal or fish by a virus of the Birnaviridae family, specifically the infectious pancreatic necrosis virus (IPNV). More particularly, the invention pertains to peptides that are effective in decreasing viral infection by reducing or impeding the production of viral particles, and can therefore prevent the potential mortality resulting from virus infection and is of particular use in the prophylaxis or prevention of infections by viruses of the Birnaviridae family. In a particular embodiment, we consider the use of peptides applied to the tanks where the fish are grown or as part of a feed composition.

IPC 8 full level

A61K 38/16 (2006.01)

CPC (source: EP)

A61K 38/162 (2013.01); A61P 31/14 (2017.12)

Citation (search report)

- [X] WO 2014052378 A2 20140403 - ZOETIS CANADA INC [CA]
- [X] US 2010092521 A1 20100415 - DHAR ARUN K [US], et al
- [X] C. H. MOON ET AL: "Comparison of the immunogenicity of recombinant VP2 and VP3 of infectious pancreatic necrosis virus and marine birnavirus", ARCHIVES OF VIROLOGY, vol. 149, 9 June 2004 (2004-06-09), AT, pages 2059 - 2068, XP055463903, ISSN: 0304-8608, DOI: 10.1007/s00705-004-0339-2
- [A] CLAUDIO JOFRÉ ET AL: "A natural peptide and its variants derived from the processing of infectious pancreatic necrosis virus (IPNV) displaying enhanced antimicrobial activity: A novel alternative for the control of bacterial diseases", PEPTIDES, ELSEVIER, AMSTERDAM, NL, vol. 32, no. 5, 20 January 2011 (2011-01-20), pages 852 - 858, XP028195758, ISSN: 0196-9781, [retrieved on 20110201], DOI: 10.1016/J.PEPTIDES.2011.01.026
- See references of WO 2016005796A1

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DOCDB simple family (publication)

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