

Title (en)
PHARYNGEAL OR BUCCAL CAVITY RINSE AND PROCESS OF USE THEREOF

Title (de)
SPÜLUNG FÜR RACHEN ODER MUNDHÖHLE UND VERFAHREN ZU IHRER VERWENDUNG

Title (fr)
PRODUIT DE RINÇAGE DE LA CAVITÉ PHARYNGIENNE OU BUCCALE ET SON PROCÉDÉ D'UTILISATION

Publication
EP 3651731 A4 20210310 (EN)

Application
EP 17917864 A 20170710

Priority
US 2017041365 W 20170710

Abstract (en)
[origin: WO2019013750A1] A storage stable package is provided that includes a polymeric bottle having a volume filled with an aqueous saline composition acidified with an acid to a pH of 2 to 9 and having a hypertonic saline concentration relative to saliva and blood, or an aqueous hydrogen peroxide composition acidified with an acid to a pH of 2.7 to 5.3 and having a hydrogen peroxide concentration 0.5 to 3 total weight percent, either to achieve a storage stability at 20 degrees Celsius of the composition of at least 10 weeks. The aqueous composition is independent of a synthetic antimicrobial. A cap is provided that is complementary a package opening for selectively sealing the aqueous saline composition within the volume. A process for treating an infection of a pharyngeal or buccal cavity is provided that includes rinsing with one of the aqueous saline composition. The aqueous saline composition is then expectorated.

IPC 8 full level
A61K 8/58 (2006.01); **A61K 8/22** (2006.01); **A61K 8/73** (2006.01); **A61K 9/08** (2006.01); **A61K 47/02** (2006.01); **A61Q 11/00** (2006.01)

CPC (source: EP)
A61K 31/737 (2013.01); **A61K 33/40** (2013.01); **A61J 1/05** (2013.01); **A61K 9/006** (2013.01); **A61K 9/08** (2013.01); **A61K 47/02** (2013.01); **A61K 47/12** (2013.01)

C-Set (source: EP)
1. **A61K 33/40 + A61K 2300/00**
2. **A61K 31/737 + A61K 2300/00**

Citation (search report)
• [X] US 2009123570 A1 20090514 - WARNER W RANDOLPH [US], et al
• [XI] US 2005069503 A1 20050331 - LARSEN ROBERT K [US], et al
• [X] WO 9817195 A1 19980430 - UNIV NEW YORK STATE RES FOUND [US], et al
• [XA] WO 2010008318 A1 20100121 - ODINETS ALEKSEI GLEBOVICH [RU]

Citation (examination)
• LEE JUNG-BUM ET AL: "Novel Antiviral Fucoidan from Sporophyll of Undaria pinnatifida (Mekabu)", CHEMICAL AND PHARMACEUTICAL BULLETIN, vol. 52, no. 9, 1 September 2004 (2004-09-01), JP, pages 1091 - 1094, XP055839911, ISSN: 0009-2363, DOI: 10.1248/cpb.52.1091
• RABANAL MELISSA ET AL: "The system of fucoidans from the brown seaweed Dictyota dichotoma: Chemical analysis and antiviral activity", CARBOHYDRATE POLYMERS, APPLIED SCIENCE PUBLISHERS, LTD BARKING, GB, vol. 101, 14 October 2013 (2013-10-14), pages 804 - 811, XP028790644, ISSN: 0144-8617, DOI: 10.1016/J.CARBPOL.2013.10.019
• REGINA ELIZONDO-GONZALEZ ET AL: "In vitro characterization of the antiviral activity of fucoidan from Cladosiphon okamuranus against Newcastle Disease Virus", VIROLOGY JOURNAL, BIOMED CENTRAL, LONDON, GB, vol. 9, no. 1, 12 December 2012 (2012-12-12), pages 307, XP021137092, ISSN: 1743-422X, DOI: 10.1186/1743-422X-9-307
• See also references of WO 2019013750A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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WO 2019013750 A1 20190117; AU 2017423488 A1 20200116; CA 3067644 A1 20190117; EP 3651731 A1 20200520; EP 3651731 A4 20210310

DOCDB simple family (application)
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