

Title (en)  
COMPOSITION FOR BINDING ALDEHYDES IN THE MOUTH

Title (de)  
ZUSAMMENSETZUNG ZUM BINDEN VON ALDEHYDEN IM MUND

Title (fr)  
COMPOSITION POUR LIER DES ALDÉHYDES DANS LA BOUCHE

Publication  
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Application  
**EP 14746925 A 20140131**

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Abstract (en)  
[origin: WO2014118438A1] The present invention concerns a non-toxic composition in the form of buccal tablets, sublingual tablets or lozenges, which comprises a combination of active agents including one or more aldehyde-binding cysteine compound(s) selected from the group of L-and D-cysteine, N-acetyl cysteine, and the pharmaceutically acceptable salts thereof, and xylitol, which composition further comprises one or more non-toxic additives that include one or more aromatic agents as well as one or more fillers or binders or both, and optional further additives.

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Citation (search report)  
• [Y] WO 2006103316 A1 20061005 - BIOHIT OYJ [FI], et al  
• [Y] WO 0236098 A1 20020510 - LICENTIA LTD [FI], et al  
• [Y] WO 2012143608 A2 20121026 - BIOHIT OYJ [FI], et al  
• [X] ALMA KARTAL ET AL: "Compatibility of chewing gum excipients with the amino acid l-cysteine and stability of the active substance in directly compressed chewing gum formulation", JOURNAL OF PHARMACY AND PHARMACOLOGY, vol. 60, no. 9, 1 September 2008 (2008-09-01), LONDON; GB, pages 1131 - 1138, XP055284963, ISSN: 0022-3573, DOI: 10.1211/jpp.60.9.0003  
• [Y] SALASPURO V J ET AL: "Eliminating Carcinogenic Acetaldehyde by Cysteine From Saliva During Smoking", CANCER EPIDEMIOLOGY, BIOMARKERS AND PREVENTION, PHILADELPHIA, PA, US, vol. 15, no. 1, 1 January 2006 (2006-01-01), pages 146 - 149, XP002449219, ISSN: 1055-9965, DOI: 10.1158/1055-9965.EPI-05-0248  
• [Y] JOHANNA UITTAMO ET AL: "Xylitol inhibits carcinogenic acetaldehyde production by Candida species", INTERNATIONAL JOURNAL OF CANCER, vol. 129, no. 8, 15 October 2011 (2011-10-15), US, pages 2038 - 2041, XP055284956, ISSN: 0020-7136, DOI: 10.1002/ijc.25844  
• See references of WO 2014118438A1

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