

Title (en)

NON-IRRITATING, NON-BLURRING, PHOTOSTABLE OPHTHALMIC SUNSCREEN COMPOSITION

Title (de)

NICHTREIZENDE, NICHT TRÜBENDE, PHOTOSTABILE OPHTHALMISCHE SONNENSCHUTZZUSAMMENSETZUNG

Title (fr)

COMPOSITION D'ÉCRAN SOLAIRE OPHTALMIQUE NON IRRITANTE, NON MASQUANTE ET PHOTOSTABLE

Publication

EP 3484586 A4 20200115 (EN)

Application

EP 17828416 A 20170712

Priority

- US 201662361189 P 20160712
- US 2017041784 W 20170712

Abstract (en)

[origin: CN109803725A] A non-irritation, non-blurring, photostable ophthalmic sunscreen composition contains at least one of the following: bemotrizinol; bisoctrizole; tris-biphenyl triazine; and/or octyl methoxycinnamate. A liquid vehicle base is then a remainder of the solution by weight. The composition is an artificial tear formulation or an ophthalmic suspension or ointment. The composition may include at least one inorganic and/or at least one organic active ingredient. The inorganic active ingredients may include, but not be limited to zinc oxide, titanium dioxide, iron oxide, zirconium oxide, and cerium oxide. The organic active ingredients may include, but not be limited to dioxybenzone, octinoxate, octisalate, homosalate, avobenzone, octocrylene, para-aminobenzoic acid, cinoxate, methyl anthranilate, octocrylene, padimate O, ensulizole, sulisobenzonate, trolamine salicylate, and ecamsule.

IPC 8 full level

A61K 31/216 (2006.01); **A61K 8/49** (2006.01); **A61K 9/00** (2006.01); **A61K 31/4192** (2006.01); **A61K 31/53** (2006.01); **A61K 33/30** (2006.01); **A61P 17/18** (2006.01); **A61P 27/02** (2006.01); **A61P 43/00** (2006.01); **A61Q 17/04** (2006.01)

CPC (source: EP)

A61K 8/496 (2013.01); **A61K 9/0048** (2013.01); **A61K 9/51** (2013.01); **A61K 31/216** (2013.01); **A61K 31/4192** (2013.01); **A61K 31/53** (2013.01); **A61K 33/30** (2013.01); **A61P 17/18** (2017.12); **A61P 27/02** (2017.12); **A61P 43/00** (2017.12); **A61Q 17/04** (2013.01)

Citation (search report)

- [X] WO 2009038710 A2 20090326 - SCHERING PLOUGH HEALTHCARE [US], et al
- [A] KERRY M. HANSON ET AL: "Photochemical degradation of the UV filter octyl methoxycinnamate in solution and in aggregates", PHOTOCHEMICAL AND PHOTOBIOLOGICAL SCIENCES, vol. 14, no. 9, 26 May 2015 (2015-05-26), GB, pages 1607 - 1616, XP055651733, ISSN: 1474-905X, DOI: 10.1039/C5PP00074B
- See references of WO 2018013732A1

Cited by

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