

Title (en)
ASCORBIC ACID-AMINO ACID CONJUGATES AND THEIR USE IN REGULATION OF FLUID OUTFLOW

Title (de)
ASCORBINSÄURE-AMINOSÄURE-KONJUGATE UND DEREN VERWENDUNG BEI DER REGULIERUNG DES FLÜSSIGKEITS AUSFLUSSES

Title (fr)
CONJUGUÉS ACIDE ASCORBIQUE-ACIDE AMINÉ ET LEUR UTILISATION DANS LA RÉGULATION D'ÉCOULEMENT DE FLUIDE

Publication
EP 3478259 A4 20200226 (EN)

Application
EP 17821235 A 20170629

Priority
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• US 2017039940 W 20170629

Abstract (en)
[origin: WO2018005762A2] Provided are ascorbic acid-amino acid conjugates and compositions for use in methods of lowering intraocular pressure and/or treating glaucoma by restoring the filtration capabilities of the endothelial lining of Schlemm's canal.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [XP] WO 2016109457 A1 20160707 - ORANGE COUNTY GLAUCOMA [US]
• [A] WO 03018000 A1 20030306 - RATH MATTHIAS M D [US], et al
• [A] WO 03018003 A1 20030306 - RATH MATTHIAS [NL], et al
• [A] YUNG-HUN YANG ET AL: "Lipase catalyzed reaction of L-ascorbic acid with cinnamic acid esters and substituted cinnamic acids", BIOTECHNOLOGY AND BIOPROCESS ENGINEERING, THE KOREAN SOCIETY FOR BIOTECHNOLOGY AND BIOENGINEERING, HEIDELBERG, vol. 17, no. 1, 1 February 2012 (2012-02-01), pages 50 - 54, XP035011564, ISSN: 1976-3816, DOI: 10.1007/S12257-011-0071-1
• See references of WO 2018005762A2

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