

Title (en)
TOPICAL COMPOSITION COMPRISING BIOACTIVE SULFATED OLIGOSACCHARIDES AND COSMETIC USES

Title (de)
TOPIISCHE ZUSAMMENSETZUNG MIT BIOAKTIVEN SULFATIERTEN OLIGOSACCHARIDEN UND KOSMETISCHE VERWENDUNGEN DAVON

Title (fr)
COMPOSITION TOPIQUE COMPRENANT DES OLIGOSACCHARIDES SULFATÉS BIOACTIFS ET UTILISATIONS COSMÉTIQUES

Publication
EP 2830585 A2 20150204 (EN)

Application
EP 13722557 A 20130328

Priority

- FR 1252940 A 20120330
- IB 2013052516 W 20130328

Abstract (en)
[origin: WO2013144909A2] The present invention provides a topical composition comprising: -A mixture of bioactive sulfated oligosaccharides having a degree of polymerisation (DP) comprised between 2 and 10, and -A physiologically acceptable medium; said oligosaccharides being obtained according to an enzymatic cleavage process according to a beta- elimination reaction of polysaccharides extracted from green algae of the ulvagenus comprising aldobiuronic sequences and glucuronan sequences using an ulvan-lyase enzyme adapted to cleave the osidic bond between the units of Glcp A Rhap3 sulfate and between the units Idop A and Rhap3, and using a glucuronan-lyase enzyme adapted to cleave the osidic bond between two Glcp A units. Such a composition has a particularly interesting cosmetic activity on the skin cells, including anti- inflammatory, anti-radical, de-pigmenting effects and effects on molecules of the dermal extracellular matrix (such as collagen 1, collagen 4 and fibronectin), on molecules of the epidermal extracellular matrix (hyaluronic acid). Applications: anti-aging and moisturizing

IPC 8 full level
A61K 8/73 (2006.01); **A61Q 19/00** (2006.01); **A61Q 19/02** (2006.01); **A61Q 19/08** (2006.01)

CPC (source: EP)
A61K 8/60 (2013.01); **A61K 8/73** (2013.01); **A61Q 19/00** (2013.01); **A61Q 19/02** (2013.01); **A61Q 19/08** (2013.01)

Citation (search report)
See references of WO 2013144909A2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 2988606 A1 20131004; FR 2988606 B1 20140808; EP 2830585 A2 20150204; WO 2013144909 A2 20131003; WO 2013144909 A3 20140306

DOCDB simple family (application)
FR 1252940 A 20120330; EP 13722557 A 20130328; IB 2013052516 W 20130328