

Title (en)

BIOTINYLATED PENTASACCHARIDES HAVING AN ANTITHROMBOTIC ACTIVITY AND IMPROVED METABOLIC STABILITY

Title (de)

BIOTINYLIERTE PENTASACCHARIDE MIT ANTITHROMBOTISCHER WIRKUNG UND ERHÖHTER STOFFWECHSELSTABILITÄT

Title (fr)

PENTASACCHARIDES BIOTINYLES A ACTIVITE ANTITHROMBOTIQUE ET PRESENTANT UNE STABILITE METABOLIQUE AMELIOREE

Publication

**EP 2614089 A1 20130717 (FR)**

Application

**EP 11761652 A 20110909**

Priority

- FR 1154709 A 20110530
- FR 1057194 A 20100910
- FR 2011000498 W 20110909

Abstract (en)

[origin: WO2012042123A1] The invention relates to novel polysaccharides with an antithrombotic activity, having at least one covalent bond with biotin or a biotin derivative, characterised in that said covalent bond is resistant to metabolic cleavage and comprises a chain X selected from -O-, -N(R)-, -N(R)-CO- and -N(R')-CO-N(R")-, wherein R is an alkyl group and R' and R" are hydrogen atoms or alkyl groups. The invention also relates to the preparation and use of said polysaccharides in therapeutics.

IPC 8 full level

**C08B 37/00** (2006.01); **A61K 31/702** (2006.01); **A61K 31/727** (2006.01); **C07H 15/26** (2006.01)

CPC (source: EP US)

**A61K 31/702** (2013.01 - EP US); **A61K 31/727** (2013.01 - EP US); **A61P 7/02** (2017.12 - EP); **A61P 9/00** (2017.12 - EP);  
**C07H 15/26** (2013.01 - US); **C08B 37/0075** (2013.01 - EP US)

Citation (search report)

See references of WO 2012042123A1

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

DOCDB simple family (publication)

**WO 2012042123 A1 20120405**; EP 2614089 A1 20130717; JP 2013537181 A 20130930; US 2013190268 A1 20130725

DOCDB simple family (application)

**FR 2011000498 W 20110909**; EP 11761652 A 20110909; JP 2013527656 A 20110909; US 201313790681 A 20130308