

Title (en)

WATER-BASED HYDROGEL, AND REACTION PRODUCT OF ISOSORBIDE EPOXIDE AND AMINES

Title (de)

HYDROGEL AUF WASSERBASIS UND REAKTIONSPRODUKT VON ISOSORBIDEPOXID UND AMINEN

Title (fr)

HYDROGEL À BASE D'EAU, ET DU PRODUIT DE RÉACTION D'ÉPOXYDE D'ISOSORBIDE ET D'AMINES

Publication

EP 4065624 A1 20221005 (FR)

Application

EP 20824305 A 20201126

Priority

- FR 1913342 A 20191127
- FR 2020052182 W 20201126

Abstract (en)

[origin: WO2021105619A1] The invention relates to a water-based hydrogel, and a reaction product of a water-soluble monomer or polymer isosorbide epoxide and a water-soluble amine, to a method for the preparation and use thereof.

IPC 8 full level

C08G 59/00 (2006.01); **A61K 8/04** (2006.01); **A61K 8/86** (2006.01); **A61K 9/00** (2006.01); **A61K 9/06** (2006.01); **A61K 31/77** (2006.01); **A61Q 19/00** (2006.01); **C08G 59/22** (2006.01); **C08L 63/00** (2006.01)

CPC (source: EP KR US)

A61K 8/042 (2013.01 - EP KR US); **A61K 8/84** (2013.01 - KR); **A61K 8/86** (2013.01 - EP US); **A61K 9/0014** (2013.01 - EP KR); **A61K 9/06** (2013.01 - EP KR US); **A61K 31/77** (2013.01 - EP KR US); **A61Q 19/00** (2013.01 - EP KR); **C08G 59/22** (2013.01 - EP); **C08G 59/26** (2013.01 - EP KR US); **C08G 59/3236** (2013.01 - EP KR); **C08G 59/504** (2013.01 - EP KR US); **C08J 3/075** (2013.01 - KR US); **C08L 63/00** (2013.01 - EP KR); **A61K 2800/10** (2013.01 - EP KR US); **C08J 2363/00** (2013.01 - US)

Citation (search report)

See references of WO 2021105619A1

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 3103380 A1 20210528; **FR 3103380 B1 20220812**; EP 4065624 A1 20221005; JP 2023503358 A 20230127; KR 20220108774 A 20220803; US 2022403118 A1 20221222; WO 2021105619 A1 20210603

DOCDB simple family (application)

FR 1913342 A 20191127; EP 20824305 A 20201126; FR 2020052182 W 20201126; JP 2022531071 A 20201126; KR 20227017831 A 20201126; US 202017756396 A 20201126