

Title (en)

COMPOSITION INCLUDING BETA-GLUCAN AND ENZYME AND REACTION PRODUCTS THEREOF

Title (de)

ZUSAMMENSETZUNG MIT BETA-GLUCAN SOWIE ENZYM UND REAKTIONSPRODUKTE DAVON

Title (fr)

COMPOSITION COMPRENANT DU BÊTA-GLUCANE ET UNE ENZYME ET PRODUITS DE RÉACTION CORRESPONDANTS

Publication

EP 3601476 A4 20210106 (EN)

Application

EP 18777104 A 20180327

Priority

- US 201762477657 P 20170328
- US 2018024468 W 20180327

Abstract (en)

[origin: WO2018183259A1] Compositions including beta-glucans and enzymes, reaction products thereof, and methods of making and using the same, such as for treatment of subterranean formations. An aqueous composition includes a starting material beta-glucan and an enzyme. An enzyme-treated beta-glucan is a reaction product of the enzyme and the starting material beta-glucan in the aqueous composition.

IPC 8 full level

C09K 8/68 (2006.01); **E21B 43/263** (2006.01)

CPC (source: EP)

C08B 37/0024 (2013.01); **C08L 5/00** (2013.01); **C09K 8/588** (2013.01); **C09K 8/68** (2013.01); **C09K 8/905** (2013.01)

Citation (search report)

- [Y] US 4326037 A 19820420 - GRIFFITH WILLIAM L, et al
- [A] WO 2008052759 A1 20080508 - ENI SPA [IT], et al
- [Y] JACOB K AGBENORHEVI ET AL: "Rheological and microstructural investigation of oat -glucan isolates varying in molecular weight", ACTA PAEDIATRICA. SUPPLEMENT, ELSEVIER BV, NL, vol. 49, no. 3, 18 May 2011 (2011-05-18), pages 369 - 377, XP028234001, ISSN: 0141-8130, [retrieved on 20110526], DOI: 10.1016/J.IJBIOMAC.2011.05.014
- [Y] ALBRECHT A ET AL: "Acetylation of a @b-1,6-branched @b-1,3-glucan, yielding Schizophyllan-acetate", CARBOHYDRATE POLYMERS, APPLIED SCIENCE PUBLISHERS, LTD. BARKING, GB, vol. 24, no. 3, 1 January 1994 (1994-01-01), pages 193 - 197, XP024147579, ISSN: 0144-8617, [retrieved on 19940101], DOI: 10.1016/0144-8617(94)90130-9
- See references of WO 2018183259A1

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

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