

Title (en)  
EUGLENA LYSATE COMPOSITION AND METHOD FOR PRODUCING THE COMPOSITION AND A PURIFIED BETA-1,3-GLUCAN

Title (de)  
EUGLENA-LYSAT-ZUSAMMENSETZUNG UND VERFAHREN ZUR HERSTELLUNG DER ZUSAMMENSETZUNG UND GEREINIGTES BETA-1,3-GLUCAN

Title (fr)  
COMPOSITION DE LYSAT D'EUGLENA ET PROCÉDÉ DE PRODUCTION DE LA COMPOSITION D ET D'UN BÊTA-1,3-GLYCANE PURIFIÉ

Publication  
**EP 3469089 A4 20190508 (EN)**

Application  
**EP 17810911 A 20170607**

Priority  
• US 201615177368 A 20160609  
• US 201615177376 A 20160609  
• US 201615177383 A 20160609  
• US 2017036270 W 20170607

Abstract (en)  
[origin: WO2017214224A1] A composition includes a Euglena lysate and cellular components and residual media remaining from a fermentation process that produced a Euglena biomass and the Euglena lysate. The cellular components may include one or more beta-glucan polymer chains having a molecular weight of 1.2 to 580 kilodaltons (kDa). A method for producing a Euglena lysate includes growing a biomass from genus Euglena organisms, lysing the biomass and drying the lysed biomass to form Euglena lysate. A method for producing a purified beta-1,3-glucan includes growing the biomass, lysing it, washing and dewatering and drying.

IPC 8 full level  
**C12P 19/04** (2006.01); **A23L 33/10** (2016.01); **A23L 33/105** (2016.01); **A23L 33/12** (2016.01); **A23L 33/125** (2016.01); **A23L 33/15** (2016.01); **A23L 33/16** (2016.01); **A23L 33/175** (2016.01); **C08B 37/00** (2006.01); **C12P 1/00** (2006.01)

CPC (source: EP KR)  
**A23L 33/10** (2016.07 - EP KR); **A23L 33/105** (2016.07 - EP); **A23L 33/12** (2016.07 - EP); **A23L 33/125** (2016.07 - EP KR); **A23L 33/15** (2016.07 - EP); **A23L 33/16** (2016.07 - EP); **A23L 33/175** (2016.07 - EP); **A61P 3/02** (2017.12 - EP); **C08B 37/0024** (2013.01 - EP KR); **C12P 1/00** (2013.01 - EP); **C12P 19/04** (2013.01 - EP KR); **A23V 2002/00** (2013.01 - KR); **A23V 2250/202** (2013.01 - KR); **A23V 2250/5034** (2013.01 - KR)

Citation (search report)  
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• [XAI] US 2014287919 A1 20140925 - LEVINE ROBERT B [US], et al  
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• [A] US 2016122789 A1 20160505 - WATANABE MAKOTO [JP], et al  
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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)  
**WO 2017214224 A1 20171214**; AU 2017277413 A1 20181213; AU 2017277413 B2 20200430; CN 109477125 A 20190315; EP 3469089 A1 20190417; EP 3469089 A4 20190508; JP 2019523654 A 20190829; KR 20190008422 A 20190123

DOCDB simple family (application)  
**US 2017036270 W 20170607**; AU 2017277413 A 20170607; CN 201780043821 A 20170607; EP 17810911 A 20170607; JP 2019516908 A 20170607; KR 20197000825 A 20170607