

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)
• [XII] US 2013216586 A1 20130822 - LEBRUN JEFFREY RICHARD [US], et al
• [XAI] US 2014287919 A1 20140925 - LEVINE ROBERT B [US], et al
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• [XII] US 2013303752 A1 20131114 - LEVINE ROBERT BERNARD [US], et al
• [A] US 2009017147 A1 20090115 - LINTNER KARL [FR], et al
• [A] US 2016122789 A1 20160505 - WATANABE MAKOTO [JP], et al
• See references of WO 2017214224A1

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Designated extension state (EPC)
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DOCDB simple family (application)
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