

Title (en)  
METHOD FOR PREPROCESSING LIGNOCELLULOSIC BIOMASS WITH A HYDRATED INORGANIC SALT, INCLUDING A PRELIMINARY ACID HYDROLYSIS STEP

Title (de)  
VERFAHREN ZUR AUFBEREITUNG VON LIGNOZELLULOSE-BIOMASSE MIT EINEM HYDRIERTEN ANORGANISCHEN SALZ MIT EINEM VORHERGEHENDEN SÄUREHYDROLYSE-SCHRITT

Title (fr)  
PROCEDE DE PRETRAITEMENT DE LA BIOMASSE LIGNOCELLULOSIQUE AVEC UN SEL INORGANIQUE HYDRATE COMPRENANT UNE ETAPE D'HYDROLYSE ACIDE PRELIMINAIRE

Publication  
**EP 2804951 A1 20141126 (FR)**

Application  
**EP 12821262 A 20121211**

Priority  
• FR 1200157 A 20120118  
• FR 2012000515 W 20121211

Abstract (en)  
[origin: WO2013107948A1] The present invention relates to a method for preprocessing lignocellulosic biomass, include: a) a step for the acid hydrolysis of the biomass using an acid solution so as to obtain a liquid fraction and a solid fraction; a step of separating the solid fraction and the liquid fraction; c) a step of drying the solid fraction; d) a step of curing the dried solid fraction in a medium including at least a hydrated inorganic salt having the formula  $MX_n \cdot nH_2O$ , where M is a metal selected from groups 1 to 13 of the periodic table, X is an anion, and n is an integer between 1 and 6 while n' is 0.5 to 12, so as to obtain a solid fraction and a liquid fraction; e) a step of separating the solid fraction and the liquid fraction obtained in step d); and f) optionally a step of processing said solid fraction from step e).

IPC 8 full level  
**C12P 7/10** (2006.01); **C07D 307/50** (2006.01); **C07H 1/06** (2006.01); **C07H 1/08** (2006.01); **C07H 3/02** (2006.01); **C07H 3/04** (2006.01); **C12P 19/02** (2006.01); **C12P 19/04** (2006.01); **C12P 19/14** (2006.01); **C13K 1/02** (2006.01); **D21C 3/02** (2006.01); **D21C 3/18** (2006.01); **D21C 3/20** (2006.01)

CPC (source: EP US)  
**C07D 307/50** (2013.01 - EP US); **C12P 7/10** (2013.01 - EP US); **C12P 19/02** (2013.01 - EP US); **C12P 19/14** (2013.01 - EP US); **C13K 13/002** (2013.01 - US); **D21C 1/04** (2013.01 - EP US); **D21C 3/04** (2013.01 - EP US); **D21C 3/18** (2013.01 - EP US); **D21C 3/20** (2013.01 - EP US); **C12P 2201/00** (2013.01 - EP US); **Y02E 50/10** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013107948A1

Citation (examination)  
WO 2008098032 A2 20080814 - UNIV NORTH CAROLINA STATE [US], et al

Cited by  
WO2020034395A1

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)  
**FR 2985737 A1 20130719**; **FR 2985737 B1 20200110**; BR 112014017596 A2 20170620; BR 112014017596 A8 20170711; EP 2804951 A1 20141126; US 2014352688 A1 20141204; WO 2013107948 A1 20130725

DOCDB simple family (application)  
**FR 1200157 A 20120118**; BR 112014017596 A 20121211; EP 12821262 A 20121211; FR 2012000515 W 20121211; US 201214372818 A 20121211