

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

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Application
EP 12821262 A 20121211

Priority
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• 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
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CPC (source: EP US)
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Citation (search report)
See references of WO 2013107948A1

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

Cited by
WO2020034395A1

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