

Title (en)

METHOD FOR TREATING A LIGNOCELLULOSIC BIOMASS

Title (de)

VERFAHREN ZUR BEHANDLUNG VON BIOMASSE AUS LIGNOCELLULOSE

Title (fr)

PROCÉDÉ DE TRAITEMENT D'UNE BIOMASSE LIGNOCELLULOSIQUE

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Application

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Abstract (en)

[origin: WO2020152105A1] The aim of the invention is a method for treating lignocellulosic biomass comprising the following steps: a) conditioning the lignocellulosic biomass; b) washing said particles; c) separating the aqueous solution from the washed biomass particles; d) impregnating said lignocellulosic substrate with an acid liquor; e) undertaking solid/liquid separation of the impregnated lignocellulosic substrate; f) pretreating said substrate originating from step e) by cooking; g) completing an enzymatic hydrolysis of the pretreated lignocellulosic substrate; h) fermenting the hydrolysate originating from step g); and - introducing the used aqueous washing solution into a step of said method for treating the biomass following the pretreating step f), and/or into a step of producing enzymes, and/or into a step of producing/propagating microorganisms that are needed in steps g) or h).

IPC 8 full level

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