Title (en)

TEMPERATURE-OPTIMIZED CONVERSION OF LIGNOCELLULOSIC BIOMASS

Title (de)

TEMPERATUROPTIMIERTE UMWANDLUNG VON LIGNOZELLULOSISCHER BIOMASSE

Title (fr)

CONVERSION À TEMPÉRATURE OPTIMISÉE DE BIOMASSE LIGNOCELLULOSIQUE

Publication

EP 2473534 A1 20120711 (EN)

Application

EP 10766381 A 20100901

Priority

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• US 2010047507 W 20100901

Abstract (en)

[origin: WO2011028788A1] A process is disclosed for converting lignocellulosic material to liquid fuels. In the process the cellulose is dissolved in an Ionic Liquid. The conversion process may comprise pyrolysis, thermal cracking, hydrocracking, catalytic cracking, hydrotreatment, or a combination thereof. Undissolved lignin is removed from the Ionic Liquid medium, and is converted in a separate conversion process. The Ionic Liquid preferably is an inorganic molten salt hydrate.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2011028788A1

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