

Title (en)

PYROLYTIC CONVERSION OF CELLULOSE AND/OR HEMICELLULOSE DISSOLVED IN AN IONIC LIQUID

Title (de)

PYROLYTISCHE UMWANDLUNG VON IN IONENFLÜSSIGKEIT AUFGELÖSTER CELLULOSE UND/ODER HEMICELLULOSE

Title (fr)

CONVERSION PYROLYTIQUE DE CELLULOSE ET/OU HÉMICELLULOSE DISSOUTE DANS UN LIQUIDE IONIQUE

Publication

**EP 2473582 A2 20120711 (EN)**

Application

**EP 10763255 A 20100901**

Priority

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- US 2010047500 W 20100901

Abstract (en)

[origin: WO2011028783A2] A process is disclosed for converting cellulose to liquid fuels. In the process the cellulose is dissolved in an Ionic Liquid medium. The conversion process may comprise pyrolysis, thermal cracking, hydrocracking, catalytic cracking, hydrotreatment, or a combination thereof. The dissolved cellulose is preferably hydrolyzed, prior to the conversion reaction. The Ionic Liquid medium 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 2011028783A2

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