

Title (en)

PROCESS FOR CONVERTING POLYSACCHARIDES IN AN INORGANIC MOLTEN SALT HYDRATE

Title (de)

VERFAHREN ZUR UMWANDLUNG VON POLYSACCHARIDEN IN EIN ANORGANISCHES GESCHMOLZENES SALZHYDRAT

Title (fr)

PROCÉDÉ DE TRANSFORMATION DE POLYSACCHARIDES DANS UN HYDRATE DE SEL FONDU INORGANIQUE

Publication

EP 2408937 A1 20120125 (EN)

Application

EP 10708779 A 20100316

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Abstract (en)

[origin: WO2010106055A1] A process is disclosed for converting polysaccharide-containing biomass material to platform chemicals. The biomass material preferably is sugar cane or sugar beet material. The process comprises dissolving the polysaccharides in a inorganic molten salt hydrate, converting the polysaccharides to monosaccharides, and converting the monosaccharides to platform chemicals that are easily separable from the inorganic molten salt hydrate. The step of converting the polysaccharides to monosaccharides is conducted in the substantial absence of mineral acid.

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