

Title (en)

CHEMICAL CONVERSION METHOD WITH THE ADDITION OF METAL HALIDES

Title (de)

CHEMISCHES UMSETZUNGSVERFAHREN UNTER ZUGABE VON METALLHALOGENIDEN

Title (fr)

PROCÉDÉ DE RÉACTION CHIMIQUE EN AJOUTANT DES HALOGÉNURES MÉTALLIQUES

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Application

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Abstract (en)

[origin: WO2014135444A2] The invention relates to a method, preferably an isomerization method, for chemically converting at least one hydrocarbon in the presence of an ionic liquid. The chemical conversion is carried out in a device (V1), and at least one metal halide, preferably aluminum halide, is added into the device (V1) periodically or continuously. The anion of the ionic liquid which is used comprises at least one metal component and at least one halogen component. The anion of the ionic liquid matches the metal halide added into the device (V1) with regard to the respective halogen component and the metal component. Among others, the ionic liquid used in the respective chemical conversion, in particular in an isomerization method, can be regenerated using the method according to the invention.

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