

Title (en)
PROCESS FOR CONDUCTING AN ORGANIC REACTION IN IONIC LIQUIDS

Title (de)
VERFAHREN ZUM DURCHFÜHREN EINER ORGANISCHEN REAKTION IN IONISCHEN FLÜSSIGKEITEN

Title (fr)
PROCÉDÉ DE CONDUITE D'UNE RÉACTION ORGANIQUE DANS DES LIQUIDES IONIQUES

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Application
EP 09796207 A 20091217

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Abstract (en)
[origin: WO2010080505A2] The present disclosure describes processes for producing cyclohexenes using Lewis acidic ionic liquids comprising the steps of providing to a reactor an α,β -unsaturated carbonyl dienophile, providing to the reactor a 1,3-diene, providing a Lewis acidic ionic liquid to the reactor; and reacting the α,β -unsaturated carbonyl dienophile with 1,3-diene to form a substituted cyclohexene product. The α,β -unsaturated carbonyl dienophile can be mesityl oxide, the 1,3-diene can be piperylene; and the Lewis acidic ionic liquid can be $\text{AlCl}_3\text{:}[\text{C2mim}]\text{Cl}$; $\text{AlCl}_3\text{:}[\text{C8mim}]\text{Cl}$; or mixtures thereof.

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