

Title (en)  
PRODUCTION AND USE OF A ZEOLITIC MATERIAL IN A PROCESS FOR THE CONVERSION OF OXYGENATES TO OLEFINS

Title (de)  
HERSTELLUNG UND VERWENDUNG EINES ZEOLITHISCHEN MATERIALS IN EINEM VERFAHREN ZUR UMWANDLUNG VON OXYGENATEN IN OLEFINE

Title (fr)  
PRODUCTION ET UTILISATION D'UN MATÉRIAU ZÉOLITIQUE DANS UN PROCÉDÉ POUR LA CONVERSION DE COMPOSÉS OXYGÉNÉS EN OLÉFINES

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Application  
**EP 13855440 A 20131111**

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Abstract (en)  
[origin: WO2014076625A1] The present invention relates to a process for the production of a zeolitic material having an MFI, MEL, and/or MWW-type framework structure comprising YO<sub>2</sub> and X<sub>2</sub>O<sub>3</sub>, wherein said process comprises (1) preparing a mixture comprising one or more sources for YO<sub>2</sub>, one or more sources for X<sub>2</sub>O<sub>3</sub>, and one or more solvents; (2) crystallizing the mixture obtained in step (1) to obtain a zeolitic material having an MFI, MEL and/or MWW-type framework structure; and (3) impregnating the zeolitic material obtained in step (2) with one or more elements selected from the group of alkaline earth metals; wherein Y is a tetravalent element, and X is a trivalent element, and wherein the mixture crystallized in step (2) contains 3wt.-% or less of one or more elements M based on 100 wt.-% of YO<sub>2</sub>, wherein M stands for sodium.

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