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(54) Title (EN): CATALYST COMPRISING A NOVEL MOLECULAR SIEVE BELONGING TO THE ERI FAMILY AND USE OF THE CATALYST

(54) Title (FR): CATALYSEUR COMPRENANT UN NOUVEAU TAMIS MOLÉCULAIRE APPARTENANT À LA FAMILLE DES ERI ET UTILISATION DU CATALYSEUR

(57) Abstract:

(EN): Catalyst comprising a molecular sieve with the ERI framework type having a mole ratio of silica to alumina from about 8 to about 100 and a crystal morphology defined by the ratio between the dimensions r_c along and r_a orthogonal to the unique c-axis between 0.5 and 2.0 and use of the catalyst in catalytic reactions.

(FR): La présente invention concerne un catalyseur qui comprend un tamis moléculaire avec un type de structure ERI ayant un rapport molaire de la silice sur l'alumine d'environ 8 à environ 100 et une morphologie cristalline définie par le rapport entre les dimensions r_c de long de et r_a orthogonale à l'axe c unique entre 0,5 et 2,0 et l'utilisation du catalyseur dans des réactions catalytiques.

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Declarations:

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Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America