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(54) Title: CATALYST FOR EPOXIDATION OF PROPYLENE

(57) Abstract: The present invention relates to a catalyst molding comprising a zeolitic material having frame-work type MFI, wherein the catalyst molding has a specific average crush strength, and wherein the catalyst molding has a specific aspect ratio. Further, the present invention relates to a reactor comprising a plurality of said catalyst moldings. Yet further, the present invention relates to a process for preparing said catalyst molding, and a catalyst molding obtained or obtainable by said process. Yet further, the present invention relates to a process for the activation of hydrogen peroxide, to a use of said catalyst molding, as a catalyst and/or catalyst component, or of said reactor, in a reaction involving one or more of C-O bond formation, C-C bond formation and C-C bond conversion. Yet further, the present invention relates to a process for preparing an olefin oxide.



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