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(54) Title: CATALYST AND PROCESS FOR THE PRODUCTION OF ACETIC ACID AND DIMETHYL ETHER

(57) Abstract: A process for the co-production of acetic acid and dimethyl ether products from a mixture of methanol and methyl acetate by contacting the mixture at a temperature from 200 to 260 °C, with a catalyst composition comprising a zeolite possessing a 2-dimensional channel system comprising at least one channel having a 10-membered ring and a silica : alumina molar ratio of at least 22 : 1.

