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(54) Title: REMOVAL OF WATER AND SALTS FROM A CATALYST REGENERATOR TO MAINTAIN CATALYST ACTIVITY

(57) Abstract: The invention relates to a conversion process for making olefin(s) using a molecular sieve catalyst composition. More specifically, the invention is directed to a process for converting a feedstock comprising an oxygenate in the presence of a molecular sieve catalyst composition, wherein the air feed to the catalyst regenerator is free of or substantially free of metal salts. The air feed is first cooled to remove water and then washed with water to remove essentially all salts from said air feed. The water removed in the cooling step is preferably recirculated to wash the salts from the air feed.



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