Abstract

A low-pressure, high-temperature, wet post-treatment after oxyhalogenation during regeneration to improve activity and selectivity recovery of a regenerated catalyst involves exposing a halogenated catalyst to a gaseous stream including water having a partial pressure of up to 1.5 psia, oxygen having a partial pressure of less than 4.5 psia, and an inert gas at a temperature within the range of about 450 °C to about 530 °C at a pressure within the range of about 14.7 psia to about 65 psia for a time sufficient to effect a hydrogen halide partial pressure in offgas from the halogenated catalyst of less than about 0.004 psia to effectively remove excess halide from the halogenated catalyst.

This Sheet Has Been Replaced



THIS SHEET HAS BEEN REPLACED