

ABSTRACT

PROCESS FOR DEACTIVATING CATALYST CONTAINED IN OXYMETHYLENE COPOLYMER AND PROCESS FOR PRODUCING STABILIZED OXYMETHYLENE COPOLYMER

A process for deactivating a catalyst contained in an oxymethylene copolymer discharged from a polymerizer is pulverized with a pulverizer having the below-described structure and the polymerization catalyst is deactivated with a basic compound:

[Structure of the pulverizer]

a pulverizer having a stator-side element, a rotor-side element, rotation drive means, an inlet for the substance to be pulverized and an outlet provided with a screen mesh for the pulverized substance, each of the stator-side and rotor-side elements having projections intermittently arranged so as to form one or more concentric circles on a nearly circular base, and the projections arranged to form the concentric circle(s) on the rotor-side element being rotated at a predetermined clearance from the projections arranged to form the concentrated circle(s) on the rotor-side element upon the rotation of the rotor-side element to make the pulverization possible.

