

Process for limiting self heating of activated catalysts

Abstract

The purpose of this invention is a process for limiting self heating of activated particle catalysts where the catalyst particles are placed in motion inside a hot gas flow that passes through them and a liquid composition containing one or several film forming polymer(s) is pulverized onto the particles in motion until a protective layer is obtained on the surface of said particles containing said film forming polymer and having an average thickness of less than or equal to 20 μm .

The purpose of this invention is also the use of this process to reduce the quantities of toxic gases that may be emitted by the activated catalysts, as well as an activated catalyst for the hydroconversion of hydrocarbons covered with a continuous protective layer that may be obtained by this process.

(No suitable figure)