

ABSTRACT

FLUORINATION CATALYST AND PROCESS

A chromium-containing fluorination catalyst which comprises an activity-promoting amount of zinc or a compound of zinc, a process for increasing the activity of a chromium-containing fluorination catalyst by introducing an activity promoting amount of zinc or a compound of zinc to the catalyst and a process for the production of fluorinated hydrocarbons, in particular 1,1,1,2-tetrafluoroethane which comprises reacting a hydrocarbon or a halogenated hydrocarbon, in particular 1-chloro-2,2,2-trifluoroethane with hydrogen fluoride in the vapour phase in the presence of the zinc-promoted chromium-containing catalyst.

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