

Title (en)
CATALYST REGENERATION WITH ELEMENTARY HALOGEN

Title (de)
KATALYSATOR-REGENERIERUNG MIT ELEMENTAREM HALOGEN

Title (fr)
REGENERATION DE CATALYSEUR AVEC DE L'HALOGENE ELEMENTAIRE

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Application
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Priority

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Abstract (en)
[origin: WO03053580A1] Catalysts such as antimony halides can be used during fluorination reactions involving hydrogen fluoride. Said catalysts can be reduced during the reaction. Oxidation is usually carried out by introducing elementary halogen, preferably chlorine or fluorine, into the reaction mixture. According to the invention, the elementary halogen does not come into contact with starting or intermediate products which are reactive in relation to halogen. Preferably, part of the reaction mixture is outwardly transferred from the reactor. The outwardly transferred part is mixed with chlorine or fluorine in order to regenerate the catalyst and returned to the reactor.

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