

Title (en)
PROCESS FOR PRODUCING 1,1-DIFLUOROETHANE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON 1,1-DIFLUORETHAN

Title (fr)
PROCEDE DE PRODUCTION DU 1,1-DIFLUOROETHANE

Publication
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Application
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Abstract (en)
[origin: WO9725301A1] This invention is a process for the selective and high yield preparation of 1,1-difluoroethane (CHF₂-CH₃, HFC-152a) from chloroethene while minimizing formation of oligomeric and polymeric byproducts. This process comprises providing a liquid phase mixture containing chloroethene, HF, a tin catalyst, and one or a combination of compounds from the families of oxygen, nitrogen, and phosphorus-containing organic compounds, heating the mixture, and isolating the HFC-152a formed.

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