

Title (en)
PROCESS FOR VINYL CHLORIDE MANUFACTURE FROM ETHANE AND ETHYLENE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON VINYLCHLORID AUS ETHAN UND ETHYLENE

Title (fr)
PROCEDE DE PRODUCTION D'UN MONOMERE DE CHLORURE DE VINYLE A PARTIR D'ETHANE ET D'ETHYLENE AVEC RECYCLAGE D'UN EFFLUENT DE REACTEUR HCl

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Application
EP 00968828 A 20001006

Priority
• US 0027689 W 20001006
• US 16689799 P 19991122
• US 0027272 W 20001003

Abstract (en)
[origin: WO0138274A1] A process for producing vinyl chloride monomer from ethylene and ethane having input of significant quantities of both ethane and ethylene in input streams to the affiliated reactor where hydrogen chloride in the reactor effluent is only partially recovered from the reactor effluent in the first unit operation after the ethane/ethylene-to-vinyl reaction step or stage. Steps are presented of oxydehydro-chlorination catalytic reaction of ethane, ethylene, hydrogen chloride, oxygen, and chlorine; cooling and condensing the reactor effluent stream; and separating the condensed raw product stream into vinyl chloride monomer and a reactor recycle stream.

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IPC 8 full level
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