

Title (en)

DISTILLATION METHOD FOR REMOVING CHLORINE FROM GAS FLOWS THAT CONTAIN OXYGEN AND CHLORINE

Title (de)

DESTILLATIONSVERFAHREN ZUR ABTRENNUNG VON CHLOR AUS SAUERSTOFF UND CHLOR ENTHALTENDEN GASSTRÖMEN

Title (fr)

PROCÉDÉ DE DISTILLATION POUR SÉPARER LE CHLORE PRÉSENT DANS DES FLUX GAZEUX CONTENANT DE L'OXYGÈNE ET DU CHLORE

Publication

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Application

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Abstract (en)

[origin: WO2012110587A1] The invention relates to a method for removing chlorine from a gas flow I that contains oxygen and chlorine, wherein the gas flow I is fed to a lower section of a column K1 and a liquid hydrogen chloride flow II made available separately is fed to an upper section of the same column and the rising gaseous flow I is contacted with the descending liquid flow II, chlorine being condensated out of flow I and hydrogen chloride evaporating from flow II, a substantially chlorine-free gas flow III which contains hydrogen chloride and oxygen and a liquid flow IV which contains chlorine being obtained.

IPC 8 full level

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Citation (search report)

See references of WO 2012110587A1

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