

Title (en)

PROCESS FOR PRODUCING A GAS STREAM DEPLETED OF HYDROGEN SULPHIDE AND OF MERCAPTANS

Title (de)

VERFAHREN ZUR ERZEUGUNG EINES VON SCHWEFELWASSERSTOFF UND MERCAPTANEN BEFREITEN GASSTROMS

Title (fr)

PROCEDE DE PRODUCTION D'UN FLUX GAZEUX APPAUVRI EN SULFURE D'HYDROGENE ET EN THIOLS

Publication

EP 1907101 A1 20080409 (EN)

Application

EP 06764166 A 20060713

Priority

- EP 2006064241 W 20060713
- EP 05106736 A 20050722
- EP 06764166 A 20060713

Abstract (en)

[origin: WO2007009943A1] The invention provides a process for producing a gas stream depleted of H₂S and of RSH from a feed gas stream comprising H₂S and RSH, the process comprising the steps of : (a) contacting the feed gas stream with absorbing liquid in a H₂S removal zone to obtain a gas stream depleted of H₂S; (b) contacting the gas stream obtained in step (a) with aqueous scrubbing solution comprising CUSO₄ in a RSH removal zone to obtain a mixture comprising Cu-alkylsulphide products and the gas stream depleted of H₂S and depleted of RSH.

IPC 8 full level

B01D 53/52 (2006.01); **B01D 53/14** (2006.01)

CPC (source: EP)

B01D 53/1487 (2013.01); **B01D 53/52** (2013.01); **B01D 53/77** (2013.01); **B01D 2257/304** (2013.01); **B01D 2257/306** (2013.01)

Citation (search report)

See references of WO 2007009943A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007009943 A1 20070125; CN 101227964 A 20080723; EP 1907101 A1 20080409

DOCDB simple family (application)

EP 2006064241 W 20060713; CN 200680026799 A 20060713; EP 06764166 A 20060713