

Title (en)

METHOD FOR TREATMENT OF A GASEOUS MIXTURE COMPRISING HYDROGEN AND HYDROGEN SULPHIDE

Title (de)

VERFAHREN ZUR BEHANDLUNG EINES GASGEMISCHES AUS WASSERSTOFF UND SCHWEFELWASSERSTOFF

Title (fr)

PROCEDE DE TRAITEMENT D'UN MELANGE GAZEUX COMPRENANT DE L'HYDROGENE ET DU SULFURE D'HYDROGENE

Publication

**EP 1476244 A1 20041117 (FR)**

Application

**EP 03717385 A 20030207**

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Abstract (en)

[origin: WO03068366A1] The invention relates to a method for treatment of a gaseous mixture comprising hydrogen, H<sub>2</sub>S and possibly other components such as hydrocarbons. The aim of the invention is to separate the hydrogen from the other components of the mixture whilst retaining the initial pressure of the gaseous mixture. According to the invention a treatment unit is used, comprising a pressure-modulated adsorption unit (PSA) with an integral compressor which compresses the recycle gas within the PSA.

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IPC 8 full level

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Citation (search report)

See references of WO 03068366A1

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