

Title (en)
METHOD FOR OBTAINING GAS PRODUCTS

Title (de)
VERFAHREN ZUR GEWINNUNG VON GASPRODUKTEN

Title (fr)
PROCEDE POUR OBTENIR DES PRODUITS GAZEUX

Publication
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Application
EP 12729353 A 20120614

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Abstract (en)
[origin: CA2839380A1] The invention relates to a method and to a device for physical gas scrubbing, wherein a feed gas (1) containing hydrogen, carbon monoxide, carbon dioxide and also carbonyl sulphide and/or hydrogen sulphide is conducted through a first scrubbing section (W1) in countercurrent to a scrubbing medium preloaded with carbon dioxide, in order to separate sulphur components substantially selectively off from the feed gas and to generate a desulphurized gas mixture (3). In a second scrubbing section, carbon dioxide is separated off from only a subquantity of the desulphurized gas mixture by scrubbing with an unloaded scrubbing medium (4) and the resultant carbon dioxide-preloaded scrubbing medium is used completely in the first scrubbing section (W1) as scrubbing medium.

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