

Title (en)  
METHOD FOR PURIFYING HYDROGEN-BASED GAS MIXTURES USING A CALCIUM X-ZEOLITE

Title (de)  
VERFAHREN ZUR REINIGUNG EINER AUF WASSERSTOFF BASIERENDEN GASMISCHUNG MITTELS EINES KALZIUM ENTHALTENDEN ZEOLITHS

Title (fr)  
PROCEDE POUR LA PURIFICATION DE MELANGES GAZEUX A BASE D'HYDROGENE UTILISANT UNE ZEOLITE X AU CALCIUM

Publication  
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Application  
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Abstract (en)  
[origin: WO0204096A1] The invention concerns a method for purifying PSA-type gaseous hydrogen polluted with CO and N2 which consists in passing the gas stream through an adsorption zone comprising at least an adsorbent based on 5A-zeolite and an adsorbent based on a calcium-exchanged X-zeolite. Said method is particularly efficient in terms of productivity and yield in purified hydrogen at moderate production price.

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