

Title (en)  
CONTINUOUS METHOD FOR THE PRODUCTION OF SUGAR ALCOHOLS

Title (de)  
KONTINUIERLICHES VERFAHREN ZUR HERSTELLUNG VON ZUCKERALKOHOLEN

Title (fr)  
PRODEDE DE PRODUCTION EN CONTINU D'ALCOOLS DE SUCRE

Publication  
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Application  
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Abstract (en)  
[origin: WO2004052813A1] The invention relates to a continuous method for the production of sugar alcohols by catalytic hydrogenation of an aqueous solution of a saccharide, which forms the corresponding sugar alcohol on hydrogenation, on a ruthenium catalyst which may be obtained by: i) a single or multiple treatment of a support material made from amorphous silicon dioxide with a halogen free aqueous solution of a low molecular weight ruthenium compound and subsequent drying of the treated support material at a temperature below 200 DEG C, ii) reduction of the solid obtained in step i) with hydrogen at a temperature in the range 100 to 350 DEG C, whereby step ii) is carried out directly after step i). The aqueous saccharide solution is brought into contact with the support material before the hydrogenation.

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