

Title (en)
FERMENTATIVE PRODUCTION OF FINE CHEMICALS

Title (de)
FERMENTATIVE HERSTELLUNG VON FEINCHEMIKALIEN

Title (fr)
PRODUCTION DE PRODUITS CHIMIQUES FINS PAR FERMENTATION

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Application
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Abstract (en)
[origin: WO2005116228A2] The invention relates to a method for the production of at least one microbial metabolic product having at least 3 C atoms or at least 2 C atoms and at least one N atom by means of sugar-based microbial fermentation. The inventive method involves the following steps: a) producing a sugar-containing liquid medium having a monosaccharide content of more than 20 weight percent from a starch source, wherein the sugar-containing liquid medium also comprises nonstarch-containing solid components of the starch source; b) fermenting the sugar-containing liquid medium for the production of the metabolic product(s) and c) separating or isolating at least one metabolic product from the fermentation broth, wherein the microorganism strain producing the desired metabolic product(s) is cultivated with the sugar-containing liquid medium, which is obtained by: a1) milling the starch source and a2) liquefying the ground material in an aqueous fluid in the presence of at least one starch liquefying enzyme and subsequently saccharifying the resulting liquid using at least one saccharifying enzyme, wherein at least part of the ground material is liquefied into an aqueous liquid by continuous or discontinuous addition.

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Citation (search report)
See references of WO 2005116228A2

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Citation (third parties)
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