

Title (en)  
METHOD FOR THE PRODUCTION OF ALCOHOL MIXTURES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON ALKOHOLGEMISCHEN

Title (fr)  
PROCEDE DE PRODUCTION DE MELANGES D'ALCOOLS

Publication  
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Application  
**EP 00956211 A 20000719**

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Abstract (en)  
[origin: DE19933828A1] The invention relates to a method for the production of alcohol mixtures, wherein a) a hydrocarbon mixture containing cyclopentene and at least one acyclic monoolefin is transformed in a metathesis reaction, b) an olefin fraction containing essentially olefins with 8-20 carbon atoms is isolated from the metathesis reaction mixture, c) optionally, the bi or multi-saturated compounds contained in the olefin fractions undergo at least partially selective hydrogenation in order to form monoolefins, and d) the optionally selectively hydrogenated olefin fraction is catalytically hydroformulated and hydrogenated by reacting it with carbon monoxide and hydrogen. The invention also relates to alcohol mixtures that can be obtained according to said method, in addition to a method for the production of functionalized alcohol mixtures and the use thereof.

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