

Abstract**Process for preparing an alcohol from hydrocarbons**

- 5 The invention provides a process for preparing an alcohol by hydrogenating an ester which is
obtained by alkoxycarbonylating a C2 to C20 hydrocarbon having at least one multiple bond,
preferably having at least one olefinic double bond, in which the homogeneous catalyst system
used is separated from the product mixture by means of membrane separation. In a development
of the present invention, the ester thus formed is converted to another ester by transesterification
10 and then hydrogenated.

[No figure]