

Title (en)

METHOD FOR PRODUCING 6-METHYLHEPTANE-2-ONE AND THE USE THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON 6-METHYLHEPTAN-2-ON UND DESSEN VERWENDUNG

Title (fr)

PROCEDE POUR LA PRODUCTION DE 6-METHYLHEPTAN-2-ONE ET UTILISATION DE CETTE DERNIERE

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Application

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Abstract (en)

[origin: WO03031383A1] The invention relates to a method for producing 6-methylheptane-2-one characterised by, a) hydroformylation of 2-methylpropene into 3-methylbutanal, b) basic catalysed aldol condensation of the 3-methylbutanal with acetone into 6-methylhept-3-ene-2-one, whereby the molar ratio of 3-methylbutanal to the base that is used is greater than 1: 0.3 and c) hydrogenation of the 6-methylhept-3-ene-2-one to obtain 6-methyl-heptane-2-one. The invention also relates to the use of the 6-methylheptane-2-one obtained according to said method for preparing isophytol, tetrahydrolinalool or dihydrogeraniol.

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