

[Document Name] Abstract

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5 The present invention provides a method for producing
a water-absorbent resin and a water-absorbent resin
obtained by the method, more specifically, to provide a
method for producing a water-absorbent resin by a reversed-
phase suspension polymerization method, wherein an odor
originating from a raw material component, in particular, a
10 petroleum hydrocarbon dispersion medium, is further reduced
as compared with a water-absorbent resin obtained by a
conventional method, and a water-absorbent resin obtained
by the method. More specifically, the present invention
provides a method for producing a water-absorbent resin by
15 performing a reversed-phase suspension polymerization of a
water-soluble ethylenically unsaturated monomer in a
petroleum hydrocarbon dispersion medium, comprising adding
and dispersing an aqueous solution of a water-soluble
ethylenically unsaturated monomer containing a hydrophilic
20 polymeric dispersion agent to a petroleum hydrocarbon
dispersion medium in the presence of a surfactant under
stirring, and performing a reversed-phase suspension
polymerization using a radical polymerization initiator,
and a water-absorbent resin obtained by the method.