

Title (en)
THIOL GROUP-CONTAINING ACRYLATE RESIN

Title (de)
THIOLGRUPPENHALTIGES ACRYLATHARZ

Title (fr)
RÉSINE D'ACRYLATE CONTENANT DES GROUPES THIOL

Publication
EP 2794106 A1 20141029 (DE)

Application
EP 12797931 A 20121207

Priority
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Abstract (en)
[origin: EP2606973A1] Ion-exchange resin having at least one thiol functional group obtainable by reacting crosslinked bead polymers of acrylic compounds, and aminothiols, is claimed. An independent claim is also included for preparing the ion-exchange resin having thiol functional groups, comprising (a) reacting an organic phase containing monomer droplets of at least one acrylic compound, at least one multifunctional ethylenically unsaturated compound, optionally at least one porogen and/or optionally an initiator or an initiator combination, in an aqueous phase to obtain a crosslinked bead polymer, and (b) reacting the crosslinked bead polymer with at least one aminothiol by adding it to the aqueous phase, or by filtering, decanting or centrifuging the bead polymers obtained from (a) after intermediate isolation, re-suspending it in an aqueous phase, and adding the aminothiol.

IPC 8 full level
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Citation (search report)
See references of WO 2013092249A1

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