

Title (en)

ACTIVATION AND STABILIZATION OF SENSITIVE CATALYSTS IN SEGMENTED AMPHIPHILIC NETWORKS

Title (de)

AKTIVIERUNG UND STABILISIERUNG EMPFINDLICHER KATALYSATOREN IN SEGMENTIERTEN AMPHIPHILEN NETZWERKEN

Title (fr)

ACTIVATION ET STABILISATION DE CATALYSEURS SENSIBLES DANS DES RESEAUX AMPHIPHILES SEGMENTES

Publication

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Application

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Abstract (en)

[origin: DE10343794A1] Immobilized catalysts in which the catalyst is incorporated into a segmented amphiphilic network with hydrophilic and hydrophobic components and a nano-phase separation of 5-500 nm between the units formed by these two components. An independent claim is also included for a method for the production of Immobilized catalysts by making a polymer network as above, by the co polymerisation of two macromolecules of different hydrophilicity or of a monomer and a macromonomer of different hydrophilicity, and then loading the network with the catalyst.

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