

Title (en)

METHOD FOR RADICAL AQUEOUS EMULSION POLYMERIZATION

Title (de)

VERFAHREN DER RADIKALISCH INITIIERTEN WÄSSRIGEN EMULSIONSPOLYMERISATION

Title (fr)

PROCEDE DE POLYMERISATION EN EMULSION AQUEUSE INITIEE PAR VOIE RADICALE

Publication

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Application

EP 00920548 A 20000323

Priority

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- EP 0002566 W 20000323

Abstract (en)

[origin: DE19914953A1] Emulsion polymerisation of unsaturated monomers for the production of aqueous polymer dispersions is carried out with a radical initiator in presence of a bridged bis-(2-hydroxybenzylidene-amino) metal complex which is more soluble in acid, basic and/or neutral water than in styrene. A radical-initiated aqueous emulsion polymerisation process for the production of aqueous polymer dispersions, in which ethylenically unsaturated monomer(s) is/are dispersed in an aqueous medium and polymerised with the aid of a radical initiator in presence of a metal-organic compound. This metal compound has a structural feature of formula (I): M = a metal ion; Independent claims are included for: (a) aqueous polymer dispersions obtained by this process and containing metal-organic compound(s) (I); and (b) metal-organic compounds with the structural feature (I).

IPC 1-7

C08F 2/24; **C07C 251/16**; **C08F 2/38**

IPC 8 full level

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CPC (source: EP US)

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