Title (en)

AQUEOUS AUTOXIDISABLE POLYMER DISPERSIONS.

Title (de)

WÄSSRIGE SELBSTOXYDIERBARE POLYMERDISPERSIONEN.

Title (fr)

DISPERSIONS AQUEUSES DE POLYMERES AUTO-OXYDABLES.

Publication

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Application

EP 83901886 A 19830624

Priority

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Abstract (en)

[origin: WO8400169A1] Aqueous autoxidisable dispersions of film-forming polymer. A water-bone autoxidisable film-forming material free from many of the deficiencies of previous materials comprises an aqueous dispersion of particles of film-forming polymer, the particles comprising a mixture of an addition polymer and a chemical compound comprising at least two groups of the formula CH2 = CR-CH2-O- where R is H or CH3. The chemical compound may be polymeric or non-polymeric, and the particles may additionally comprise other polymer. A preferred method of preparation is the mixing of ethylenically unsaturated monomer, chemical compound, stabilising compound and water to give a stable aqueous dispersion of monomer-chemical compound particles, followed by the polymerisation of the monomer. When the stabiliser is an amphipathic compound, it must be free of ethylenic unsaturation. The dispersions of this invention are useful in the preparation of air-drying coating compositions and adhesives.

IPC 1-7

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