

Title (en)

METHOD FOR IMPROVING THE EFFICIENCY OF SURFACTANTS AND EMULSIFIERS BY MEANS OF ADDITIVES

Title (de)

VERFAHREN ZUR EFFIZIENZSTEIGERUNG VON TENSIDEN UND EMULGATOREN MITTELS ADDITIVEN

Title (fr)

PROCEDE POUR AUGMENTER L'EFFICACITE DE TENSIOACTIFS ET D'EMULSIFIANTS AU MOYEN D'ADDITIFS

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Application

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Priority

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Abstract (en)

[origin: WO2006060993A1] The invention relates to a method for improving the efficiency of surfactants with the simultaneous suppression of lamellar mesophases, in particular in micro-emulsions and emulsions and to surfactants, which are mixed with an additive. According to the invention, to improve the efficiency of the surfactants, a block copolymer of type AB, ABA or BAB is added to latter, said polymer comprising a water-soluble block A and an oil-soluble block B, which is a polyalkylene oxide, whose monomer units contain at least 4 carbon atoms. Said block copolymers also prevent lamellar mesophases, stabilise the temperature of the one-phase ranges for oil, water or surfactant mixtures, enlarge the structural quantity and reduce the interfacial tension of said mixtures.

IPC 8 full level

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