

Title (en)

BLOCK COPOLYMERS AS FOAM REGULATORS IN WASHING OR CLEANING AGENTS

Title (de)

BLOCKCOPOLYMERE ALS SCHAUMREGULATOREN IN WASCH- ODER REINIGUNGSMITTELN

Title (fr)

COPOLYMERES SEQUENCES UTILISES COMME REGULATEURS DE MOUSSE DANS DES DETERGENTS OU DES NETTOYANTS

Publication

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Application

**EP 94904187 A 19931227**

Priority

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Abstract (en)

[origin: WO9416044A1] The invention concerns foam regulators for use in surfactant-containing washing and cleaning agents, the aim of the invention being to improve the ease of processing of the foam regulators to free-flowing, silicon-free agents and to improve their effectiveness over a wide temperature range, both the foam-breaking system and the agent containing it maintaining their effectiveness and shelf life in mixtures with the usual ingredients of washing agents and having no adverse effects on the materials to be cleaned or on the environment. This is achieved essentially by the use, as foam regulators in the surfactant-containing washing and/or cleaning agents, of block copolymers containing glycol ether units, the block copolymers being obtained by reacting polypropylene glycol with a molecular weight in the range 1,000 to 8,000 and optionally polyethylene glycol with a molecular weight in the range 200 to 20,000 with diisocyanates and/or dicarboxylic acids having 2 to 44 C-atoms.

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