

Title (en)

GRAFTED COMB POLYMERS BASED ON ACRYLOYLDIMETHYL TAURINE ACID

Title (de)

GEPFROPFTE KAMMPOLYMERE AUF BASIS VON ACRYLOYLDIMETHYLTaurinsäure

Title (fr)

POLYMERES EN PEIGNE GREFFES A BASE D'ACIDE D'ACRYLOYLDIMETHYLTaurine

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0244268A1] The invention relates to water-soluble or water-swellaable copolymers, which can be obtained by radically copolymerizing: A) acryloyldimethyl taurine acid and/or acryloyldimethyltaurates; B) optionally one or more additional olefinically unsaturated, optionally cross-linking comonomers, which comprise at least one oxygen atom, nitrogen atom, sulfur atom or phosphorous atom and which have a molecular weight of less than 500 g/mol; C) one or more macromonomers, which are olefinically unsaturated once or a number of times, which are optionally cross-linking, which each comprise at least one oxygen atom, nitrogen atom, sulfur atom or phosphorous atom, and which have an average molecular weight of greater than or equal to 200 g/mol, whereby the copolymerization; D) ensues in the presence of at least one polymeric additive having an average molecular weight ranging from 200 g/mol to 10<9> g/mol.

IPC 1-7

C08L 51/00; **C08F 291/00**; **C08F 2/22**; **C08F 290/06**; **C08F 265/04**; **C08F 271/02**

IPC 8 full level

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