

Title (en)

AQUEOUS SOLUTIONS OF COPOLYMERS, PROCESS FOR THEIR PREPARATION AND THEIR USE AS SHELL FORMING MATERIALS FOR THE PRODUCTION OF MICROCAPSULES BY COMPLEX COACERVATION

Publication

EP 0000565 B1 19810429 (DE)

Application

EP 78100470 A 19780721

Priority

DE 2734577 A 19770730

Abstract (en)

[origin: US4181639A] Aqueous polymer solutions containing water and 5 to 30% by weight of a polymeric mixture of (A) a copolymer, 65 to 90 mole percent of whose structural units, based on polymer, consist of statistically distributed residues of acrylamide and 10 to 35 mole percent of residues of maleic acid or maleic acid anhydride, and which has an intrinsic viscosity [eta] of 0.05 to 1 [dl/g], and (B) a copolymer whose structural units consist of statistically distributed polymerized residues of acrylamide, acrylic acid and maleic acid, at least some of the maleic acid residues being present in salt form, which has an intrinsic viscosity [eta] of from 0.05 to 1.5 [dl/g] and which contains from 65 to 90 mole percent, based on polymer, of residues of acrylamide and residues of acrylic acid together and from 10 to 35 mole percent of residues of maleic acid, at least some of which are present in salt form, the ratio of weight of copolymer (A) to copolymer (B) being from 1:2 to 20:1.

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IPC 8 full level

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