

Title (en)

USE OF WATER SOLUBLE COPOLYMERISATES, WHEREIN MONOMERS HAVING AT LEAST TWO ETHYLENICALLY UNSATURATED MONOMERS ARE TAKING PART IN WASKING AND CLEANING AGENTS

Publication

**EP 0291808 B1 19910306 (DE)**

Application

**EP 88107406 A 19880507**

Priority

DE 3716543 A 19870516

Abstract (en)

[origin: EP0291808A1] The copolymers which contain a) 99.5 to 15 mol% of at least one monoethylenically unsaturated C3- to C6-monocarboxylic acid, b) 0.5 to 20 mol% of at least one comonomer which has at least 2 ethylenically unsaturated, non-conjugated double bonds and which has at least one -CO-OX group in which X is a hydrogen, an alkali metal or an alkaline earth metal equivalent or an ammonium group, c) 0 to 84.5 mol% of at least one monoethylenically unsaturated C4- to C6-dicarboxylic acid, d) 0 to 20 mol% of one or more hydroxyalkyl esters of monoethylenically unsaturated C3- to C6-carboxylic acids and e) 0 to 30 mol% of other water-soluble, monoethylenically unsaturated monomers which are copolymerisable with a) to d), with the proviso that the total of mol% data for a) to e) is always 100, and which have a K value by the Fikentscher method of 8 to 120, are used as additives to detergents and cleaners.

IPC 1-7

**C11D 3/00; C11D 3/37**

IPC 8 full level

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