

Title (en)

Fabric softening additive for detergent compositions.

Title (de)

Wäscheweichmacherzusatz für Reinigungsmittel.

Title (fr)

Additif adoucissant le linge pour compositions détergentes.

Publication

EP 0320296 A2 19890614 (EN)

Application

EP 88311702 A 19881209

Priority

GB 8728958 A 19871211

Abstract (en)

A particulate fabric softening additive for detergent compositions comprises (a) a cellulose ether and (b) an organic fabric softener in intimate mixture. The weight ratio of (a) to (b) is from 1:1 to 0.06:1, such as from 1:4 to 1:9. Component (a) is nonionic, water-soluble with an HLB of 3.3 to 3.8 and a gel point of 33 DEG C to 56 DEG C. Some commercial alkyl, hydroxyalkyl derivatives satisfying these conditions are disclosed. Component (b) may be a conventional quaternary ammonium salt. By forming these components into an intimate particulate mixture, softening performance is improved.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

GB2347681A; JPH0369671A; US5919271A; GB2297978A; US5851235A; EP0956850A1; GB2290798A; EP0767827A4; EP0426304A1; US5104555A; AU618690B2; EP3187574A1; US6579840B1; WO9220594A1; WO0022075A1; WO2016113376A1; WO9620997A1; WO9625478A1; EP0809687B2

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