

Title (en)

Homogeneous concentrated liquid detergent compositions containing ternary surfactant system.

Title (de)

Ein ternäres oberflächenaktives System enthaltende homogene konzentrierte flüssige Reinigungsmittel.

Title (fr)

Compositions détergentes homogènes concentrées et liquides contenant un système tensioactif ternaire.

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0200263A2] Homogeneous concentrated liquid detergent compositions with a ternary surfactant system are disclosed. The ternary system contains two anionic surfactants, an alkyl (aryl) - sulfonate and a succinate, and a nonionic surfactant. The compositions exhibit a pH in the neutral to mildly alkaline domain. Preferred compositions additionally contain low level of oleic acid.

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IPC 8 full level

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Cited by

EP0753571A1; EP0748864A1; US6936578B2; US5451336A; EP0360392A3; EP0430330A3; TR25074A; GB2245000A; GB2245000B; CN106661501A; EP3174965A4; RU2670442C2; WO2010080326A1; US6790814B1; EP0778342A1; WO02057401A1; WO2007131860A1; WO9308249A1; US7790664B2; EP0771785A1; WO9742282A1; WO9625478A1; EP2520641A1; EP3450533A1; WO2007111892A2; WO2007111898A2; EP2426192A1; EP1975225A1; EP1854869A1; EP0679714A2; US8361946B2; WO2016015326A1

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