

Title (en)

HEAVY DUTY LIQUID LAUNDRY DETERGENTS CONTAINING ANIONIC AND NONIONIC SURFACTANT, BUILDER AND PROTEOLYTIC ENZYME

Publication

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Application

EP 89870064 A 19890510

Priority

- US 19332088 A 19880512
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- US 34191889 A 19890426

Abstract (en)

[origin: EP0342177A2] Heavy duty liquid laundry detergent compositions containing synthetic anionic and ethoxylated nonionic surfactant, detergency builder, specific proteolytic enzyme, an enzyme stabilization system, and water are disclosed. The compositions have a pH in a 10% by weight solution in water at 20 DEG C of between about 7.0 and 9.0, a Critical Micelle Concentration of less than or equal to about 200 ppm, and an air/water Interfacial Tension above the Critical Micelle Concentration of less than or equal to about 32 dynes/cm at 35 DEG C in distilled water. The compositions are preferably clear, homogeneous, stable and provide good cleaning performance, particularly through-the-wash on enzyme-sensitive stains.

IPC 1-7

C11D 1/83; **C11D 3/20**; **C11D 3/37**; **C11D 3/386**; **C11D 3/30**

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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