

Title (en)

LIQUID, ANIONIC STORAGE-STABLE DETERGENTS CONTAINING AMPHOTERIC DISTYRYL DERIVATIVES

Publication

EP 0334372 B1 19930120 (DE)

Application

EP 89105275 A 19890323

Priority

CH 114488 A 19880325

Abstract (en)

[origin: EP0334372A1] Liquid, anionic storage-stable detergents containing optical brighteners from the class of amphoteric distyryl compounds which cause no pale spots on direct contact with textile fabric.

IPC 1-7

C11D 3/42

IPC 8 full level

C11D 3/40 (2006.01); **C11D 3/42** (2006.01); **C11D 17/08** (2006.01); **D06L 3/12** (2006.01)

CPC (source: EP US)

C11D 3/42 (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0334372 A1 19890927; **EP 0334372 B1 19930120**; AU 3170789 A 19890928; AU 621094 B2 19920305; CA 1317190 C 19930504; DE 58903307 D1 19930304; ES 2053843 T3 19940801; JP H01271497 A 19891030; US 4940555 A 19900710

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EP 89105275 A 19890323; AU 3170789 A 19890323; CA 594727 A 19890323; DE 58903307 T 19890323; ES 89105275 T 19890323; JP 7072589 A 19890324; US 32370789 A 19890315