

Title (en)

Liquid, anionic storage-stable detergents containing amphoteric distyryl derivatives.

Title (de)

Lagerstabile anionische Flüssigwaschmittel enthaltend amphotere Distyrylderivate.

Title (fr)

Détergents liquides anioniques, stables au stockage, contenant des dérivés di-styryl amphotères.

Publication

EP 0334372 A1 19890927 (DE)

Application

EP 89105275 A 19890323

Priority

CH 114488 A 19880325

Abstract (en)

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.

Abstract (de)

Lagerstabile anionische Flüssigwaschmittel enthaltend optische Aufheller aus der Klasse der amphoteren Distyrylverbindungen die keine hellen Flecken bei einem direkten Kontakt mit Textil gewebe hervorrufen.

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)

Citation (search report)

- [AD] EP 0059684 A1 19820908 - CIBA GEIGY AG [CH]
- [A] EP 0235079 A1 19870902 - CIBA GEIGY AG [CH]

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL

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

DOCDB simple family (application)

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