

Title (en)

Stable detergents containing optical brighteners.

Title (de)

Stabile, optische Aufheller enthaltende Waschmittel.

Title (fr)

Détergents stables contenant des azurants optiques.

Publication

EP 0317978 B1 19941207 (DE)

Application

EP 88119485 A 19881123

Priority

CH 459887 A 19871126

Abstract (en)

[origin: EP0317978A2] Detergents which, besides inorganic and/or organic peracids, contain specific bis-benzofuranyl compounds as optical brighteners. These detergents are stable for several months and display the customary cleaning properties even at washing temperatures of 20-60 DEG C.

IPC 1-7

C11D 3/395; **C11D 3/42**

IPC 8 full level

C09B 57/00 (2006.01); **C11D 3/39** (2006.01); **C11D 3/42** (2006.01); **D06L 3/12** (2006.01)

CPC (source: EP)

C11D 3/39 (2013.01); **C11D 3/42** (2013.01)

Cited by

EP0548019A3; EP0364027A3; EP0321715B1

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0317978 A2 19890531; **EP 0317978 A3 19900404**; **EP 0317978 B1 19941207**; AU 2593388 A 19890601; AU 624343 B2 19920611; BR 8806213 A 19890815; DE 3852379 D1 19950119; ES 2065328 T3 19950216; JP 2638629 B2 19970806; JP H01170695 A 19890705; MX 169488 B 19930707; ZA 888795 B 19890726

DOCDB simple family (application)

EP 88119485 A 19881123; AU 2593388 A 19881125; BR 8806213 A 19881125; DE 3852379 T 19881123; ES 88119485 T 19881123; JP 29481888 A 19881124; MX 1391288 A 19881124; ZA 888795 A 19881124