

Title (en)
STABLE DETERGENTS CONTAINING OPTICAL BRIGHTENERS

Publication
EP 0317978 A3 19900404 (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)

Citation (search report)

- [X] US 4002423 A 19770111 - SAHM WILFRIED, et al
- [AD] DE 2756583 A1 19790621 - HENKEL KGAA
- [AD] GB 2141755 A 19850103 - UNILEVER PLC

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