

Title (en)

Bisacylacetal derivatives as bleach activators for laundry and detergent compositions

Title (de)

Bisacylacetale als Bleichaktivatoren für Wasch- und Reinigungsmittel

Title (fr)

Bisacylacetal dérivés comme activateurs de blanchiment pour les compositions détergentes à lessive

Publication

EP 0866116 A3 19990512 (DE)

Application

EP 98104544 A 19980313

Priority

DE 19712095 A 19970322

Abstract (en)

[origin: EP0866116A2] Use of bisacylacetal compounds of formula (I) as activators in oxidising, washing, cleaning and disinfecting solutions is new. R1-CO-O-C(A)(B)-O-CO-R2 (I). R1, R2 = H, aryl, alkyl, alkenyl or cycloalkyl (all with 1-17 C); A, B = H, alkyl, aryl, alkenyl or cycloalkyl (all with 1-17 C), provided that at least one of A and B is substituted with at least one hydrophilic group selected from -SO3H, -OSO3H, -PO(OH)2, -OPO(OH)2, -CO2H and their anions or -N<+>(R3)(R4)(R5) Y<->; R3-R5 = H, aryl, alkyl, alkenyl or cycloalkyl (all with 1-17 C); and Y<-> = charge-balancing anion.

IPC 1-7

C11D 3/395; C11D 3/39

IPC 8 full level

C11D 3/39 (2006.01)

CPC (source: EP)

C11D 3/391 (2013.01); **C11D 3/3915** (2013.01); **C11D 3/3927** (2013.01); **C11D 3/393** (2013.01)

Citation (search report)

- [PA] DE 19616769 A1 19971106 - HENKEL KGAA [DE]
- [PA] DE 19616767 A1 19971106 - HENKEL KGAA [DE]
- [DA] EP 0528900 A1 19930303 - HENKEL KGAA [DE]
- [A] EP 0358109 A2 19900314 - BASF AG [DE]
- [A] EP 0125781 A1 19841121 - INTEROX CHEMICALS LTD [GB]

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0866116 A2 19980923; EP 0866116 A3 19990512; DE 19712095 A1 19980924

DOCDB simple family (application)

EP 98104544 A 19980313; DE 19712095 A 19970322