

Title (en)

Oxa-carboxylic acid esters as bleach activators for detergent compositions

Title (de)

Oxacarbonsäureester als Bleichaktivatoren für Wasch- und Reinigungsmittel

Title (fr)

Oxa-esters d'acides carboxyliques comme activateurs de blanchiment pour compositions détergentes

Publication

**EP 0879875 A3 19990616 (DE)**

Application

**EP 98108785 A 19980514**

Priority

DE 19721588 A 19970523

Abstract (en)

[origin: EP0879875A2] Ionic or ionisable (poly)oxaacyloxy-benzene compounds of formula (I) are used as activators for especially inorganic peroxygen compounds in oxidation, laundry, cleaning or disinfectant solutions; in which R<1> = 1-5C alk(en)yl, an aryl or 3-10C cycloalkyl group, optionally substituted by 1-5C alk(en)yl, or a group of formula (II); R<2> = 1-10C alkylene, alkenylene and/or arylene; X = an ionic or ionisable group; and n = 1-10. Also claimed are (a) laundry agents, detergents and disinfectants containing (I) as bleaching activator; and (b) a method of activating peroxygen compounds (III) with (I).

IPC 1-7

**C11D 3/39; C11D 3/20**

IPC 8 full level

**C11D 3/39** (2006.01)

CPC (source: EP)

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

Citation (search report)

- [A] EP 0530949 A1 19930310 - CLOROX CO [US]
- [A] EP 0262895 A1 19880406 - CLOROX CO [US]
- [A] EP 0210674 A2 19870204 - AKZO NV [NL]
- [A] NL 8502407 A 19870401 - AKZO NV
- [X] GB 2294045 A 19960417 - KAO CORP [JP]
- [DA] EP 0166571 A2 19860102 - PROCTER & GAMBLE [US], et al
- [DA] EP 0257700 A2 19880302 - UNILEVER NV [NL], et al

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0879875 A2 19981125; EP 0879875 A3 19990616; DE 19721588 A1 19981126**

DOCDB simple family (application)

**EP 98108785 A 19980514; DE 19721588 A 19970523**