

Title (en)
Peroxygen compounds.

Title (de)
Peroxyd-Zusammensetzungen.

Title (fr)
Composés de peroxyde.

Publication
EP 0125781 A1 19841121 (EN)

Application
EP 84302410 A 19840409

Priority
• GB 8310081 A 19830414
• GB 8328655 A 19831026

Abstract (en)
Hydrogen peroxide and persalt washing or disinfecting compositions perform comparatively ineffectively at ambient to low operating temperatures. More effective washing/disinfection processes are obtained by employing according to the instant invention there with a peroxyacid generator selected from compounds having the general formula (I):- <CHEM> in which R1 and R2 and R3 often are hydrogen, R6 is often hydrogen or methyl and R4 and R5 are often methyl or phenyl, R3 or R5 can each also represent a difunctional group terminating at its other end in a second gem-diester group or in an enol ester group. Especially preferred peroxyacid generators include 1,1,5-triacetoxypent-4-ene, 1,1,5,5-tetraacetoxy pentane, the corresponding butene and butane compounds, ethylidene benzoate acetate and bis (ethylidene acetate) adipate.

IPC 1-7
C11D 3/39; D06L 3/02

IPC 8 full level
C11D 3/39 (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)
C11D 3/391 (2013.01); **C11D 3/3945** (2013.01); **C11D 3/3947** (2013.01); **C11D 17/0004** (2013.01); **C11D 17/0021** (2013.01)

Citation (applicant)
• EP 0092932 A1 19831102 - INTEROX CHEMICALS LTD [GB]
• EP 0122763 A2 19841024 - INTEROX CHEMICALS LTD [GB]

Citation (search report)
• [APD] EP 0092932 A1 19831102 - INTEROX CHEMICALS LTD [GB]
• [A] US 4367156 A 19830104 - DIEHL FRANCIS L

Cited by
US7629383B2; TR27823A; EP0866893A4; GB2255507A; EP0866116A3; EP0751210A1; EP0677575A1; EP0744462A3; US5681805A; EP0751214A1; US6080710A; CN107602435A; EP0744465A3; US5977044A; EP0563460A1; AU711628B2; EP0735133A1; US6740193B2; EP0744463A3; US5877137A; US5954998A; EP0720814A1; FR2728171A1; EP0744464A3; US5877136A; EP0401780A3; FR2603299A1; BE1001834A4; US9708256B2; WO2011017087A2; US10342231B2; US6514509B2; US9770040B2; EP0953283A1; US5902354A; DE3729074A1; FR2603605A1; BE1001772A5; WO9418299A1; WO9209678A1; WO9302172A1; US11241658B2; WO9618297A1; WO9418297A1; WO9725402A1; WO9209677A1; US9888684B2; US10568322B2; US10433547B2; US10542751B2; US10709131B2; US11684067B2; US11260040B2; US11771673B2

Designated contracting state (EPC)
AT BE DE FR GB IT LU NL SE

DOCDB simple family (publication)
EP 0125781 A1 19841121; EP 0125781 B1 19870812; BR 8401735 A 19841120; CA 1214607 A 19861202; DE 3465334 D1 19870917; ES 531633 A0 19860316; ES 544775 A0 19860201; ES 8604638 A1 19860201; ES 8605571 A1 19860316; YU 68184 A 19880430

DOCDB simple family (application)
EP 84302410 A 19840409; BR 8401735 A 19840413; CA 452050 A 19840416; DE 3465334 T 19840409; ES 531633 A 19840413; ES 544775 A 19850701; YU 68184 A 19840413