

Title (en)
Liquid bleach compound

Title (de)
Flüssige Bleichmittelzusammensetzung

Title (fr)
Composition d'agent blanchissant liquide

Publication
EP 1892284 B1 20090930 (DE)

Application
EP 07016321 A 20070821

Priority
CH 13442006 A 20060823

Abstract (en)
[origin: EP1892284A1] A bleaching agent solution (A) comprises imidoalkane-percarboxylic acid bleaching agent(s) (I) in a solvent system containing main solvent(s) (II) selected from: (a) glycol dialkanoate esters; (b) dialkyl dicarboxylate or trialkyl propane-tricarboxylate esters; (c) (ar)alkyl esters of formic, acetic or propionic acid (or derivatives); (d) alkyl or (ar)alkyl benzoates or dialkyl or di(ar)alkyl iso- or terephthalates; and/or (e) lactones. A bleaching agent solution (A) comprises at least one imidoalkane-percarboxylic acid bleaching agent (I) in a solvent system containing main solvent(s) (II) selected from: (a) di-(1-4C) alkylcarboxylic acid esters of ethylene glycol, 1,2- or 1,3-propylene glycol, 1,2-, 1,3-, 1,4- or 2,3-butylene glycol, 2-methyl-1,3-propylene glycol or 1,2-, 1,4-, 1,5- or 2,4-pentylene glycol; (b) di-(1-4C) alkyl esters of 4-6C dicarboxylic acids (optionally methyl-substituted in the beta - and/or gamma -position) or tri-(1-4C) alkyl esters of 1,2,3-propane-tricarboxylic acid; (c) aryl and/or aralkyl esters of formic, acetic and/or propionic acid (the acids optionally being substituted by aryl or aralkyl); (d) 1-4C alkyl, aryl or aralkyl benzoates or di-(1-4C) alkyl, diaryl or diaralkyl isophthalates or terephthalates; and/or (e) monohydroxy-carboxylic acid lactones. Independent claims are included for: (1) two-component liquid cleansing compositions, in which one component is (A); and (2) two-component cleaning compositions, in which one component is (A) and the other is a solid cleaning composition.

IPC 8 full level
C11D 3/39 (2006.01); **C11D 3/20** (2006.01); **C11D 3/43** (2006.01)

CPC (source: EP)
C11D 3/2093 (2013.01); **C11D 3/2096** (2013.01); **C11D 3/3947** (2013.01); **C11D 3/43** (2013.01)

Cited by
WO2022136270A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1892284 A1 20080227; **EP 1892284 B1 20090930**; AT E444350 T1 20091015; DE 502007001614 D1 20091112

DOCDB simple family (application)
EP 07016321 A 20070821; AT 07016321 T 20070821; DE 502007001614 T 20070821