

Title (en)

USE OF LOW FOAM PERCARBOXLIC ACID BASED PRODUCTS CONTAINING SURFACTANTS FOR CIP-DESINFECTION

Title (de)

VERWENDUNG SCHAUMARMER, TENSIDHALTIGER PERCARBONSAÜRE-MITTEL ZUR CIP-DESINFEKTION

Title (fr)

UTILISATION DE PRODUITS A BASE D'ACIDE PERCARBOXYLIQUE, CONTENANT DES TENSIO-ACTIFS ET MOUSSANT PEU POUR LA DESINFECTION EN CIRCUIT FERME

Publication

EP 1349912 A1 20031008 (DE)

Application

EP 01271432 A 20011212

Priority

- DE 10064372 A 20001221
- EP 0114560 W 20011212

Abstract (en)

[origin: WO0250233A1] The invention relates to the use of a product containing surfactant components, selected from sulfonic acids or sulfonates, alkyl aminoxides, ether carboxylic acids and alkyl ether sulfates in a quantity amounting to 0.01 - 1 wt. %, preferably 0.05 - 0.5wt. % in relation to the total product. According to the invention, the product contains one or more percarboxylic acids selected from a) peracids or the salts of peracids having general formula (I) $R_{<2>-O_2C-(CH_2)_X-CO_3H$, wherein R represents hydrogen or an alkyl group with 1 - 4 carbon atoms and x is a number between 1 - 4, and/or b) phthalimido-percarboxyl acids (II), wherein the proportion of percarboxyl acid corresponds to 1 - 18 carbon atoms, and/or c) compounds of formula (III) $R_{<1>-CO_3H$, wherein $R_{<1>}$ is an alkyl or an alkenyl group containing 1 - 18 carbon atoms. The inventive product is used for disinfection purposes according to the CIP method.

IPC 1-7

C11D 11/00; **C11D 3/39**

IPC 8 full level

C11D 3/39 (2006.01); **C11D 11/00** (2006.01)

CPC (source: EP US)

C11D 3/3947 (2013.01 - EP US); **C11D 2111/20** (2024.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0250233 A1 20020627; AT E290062 T1 20050315; DE 10064372 A1 20020711; DE 50105496 D1 20050407; EP 1349912 A1 20031008; EP 1349912 B1 20050302; US 2004029755 A1 20040212; US 7226898 B2 20070605

DOCDB simple family (application)

EP 0114560 W 20011212; AT 01271432 T 20011212; DE 10064372 A 20001221; DE 50105496 T 20011212; EP 01271432 A 20011212; US 45146503 A 20030728