

Title (en)

PERCARBONATE-CONTAINING WASHING, BLEACHING AND CLEANING AGENT COMPOSITION

Title (de)

PERCARBONATHALTIGE WASCH-, BLEICH- UND REINIGUNGSMITTELZUSAMMENSETZUNG

Title (fr)

COMPOSITIONS D'AGENTS DE LAVAGE, DE BLANCHIMENT ET DE NETTOYAGE, CONTENANT DU PERCARBONATE

Publication

EP 0789749 A1 19970820 (DE)

Application

EP 95936523 A 19951019

Priority

- DE 4439069 A 19941102
- EP 9504102 W 19951019

Abstract (en)

[origin: DE4439069A1] The invention concerns washing, bleaching and cleaning agent compositions containing coated alkali metal percarbonate, in particular sodium percarbonate, and conventional components of such compositions, including in particular silicate-like builders. Compositions according to the invention, which have good stability during storage yet dissolve rapidly and thus render extension of the washing, bleaching or cleaning period unnecessary, contain an alkali metal percarbonate with an Oa* content in the composition of at least 70 %, a dissolution time of the alkali metal percarbonate in water of less than 10 minutes, determined under specific test conditions in each case, and a morphology index MI greater than 0.03, in particular greater than 0.04, in which: $MI = 0.0448 \cdot CV + 3.61 \cdot d^{-3}$; $CV = \sigma/d$; $\sigma = 2\sqrt{\sigma^2}$ ($d^{-2} \cdot wi/100$ and $d = \sigma^2 \cdot di \cdot wi/100$).

IPC 1-7

C11D 3/39; **C01B 15/10**

IPC 8 full level

C01B 15/16 (2006.01); **C11D 3/08** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP KR)

C11D 3/08 (2013.01 - EP); **C11D 3/39** (2013.01 - KR); **C11D 3/3942** (2013.01 - EP); **C11D 17/0039** (2013.01 - EP)

Citation (search report)

See references of WO 9614388A1

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

DE 4439069 A1 19960509; CA 2204383 A1 19960517; EP 0789749 A1 19970820; FI 971859 A0 19970430; FI 971859 A 19970430; JP H10508625 A 19980825; KR 970707266 A 19971201; TR 199501362 A2 19960621; WO 9614388 A1 19960517

DOCDB simple family (application)

DE 4439069 A 19941102; CA 2204383 A 19951019; EP 9504102 W 19951019; EP 95936523 A 19951019; FI 971859 A 19970430; JP 51498895 A 19951019; KR 19970702910 A 19970502; TR 9501362 A 19951102