

Title (en)

AQUEOUS BLEACHING SUSPENSIONS CONTAINING PEROXYCARBOXYLIC ACID, THEIR PREPARATION AND THEIR USE

Publication

EP 0283792 B1 19910508 (DE)

Application

EP 88103337 A 19880304

Priority

DE 3709348 A 19870321

Abstract (en)

[origin: US4879057A] Aqueous bleaching agent suspensions based on a water-soluble peroxycarboxylic acid suspended in a carrier liquid in the presence of an organic thickening agent and of an acidifying agent exhibit an improved storage resistance over known suspensions with this base. This is achieved by means of pourable to pasty bleaching agent suspensions which contain a xanthan polysaccharide or agar polysaccharide as thickening agent and, in addition, a hydrate-forming neutral salt which desensitizes peroxycarboxylic acids. Preferred suspensions exhibit a pH of 2-5 and contain 10-30% by wt. diperoxydodecanedioic acid, 5-20% by wt. sodium sulfate and 0.1-1.0% by wt. xanthan. The use of non-dried, hydrophilized and optionally in situ desensitized peroxycarboxylic acids is especially preferred. The bleaching agent suspensions are prepared by homogeneously suspending the peroxycarboxylic acid in the thickened carrier liquid. The storage-resistant bleaching agent suspensions are used as laundry bleaching agents and for preparing cleaning agents and disinfection agents.

IPC 1-7

C11D 3/39; C11D 3/395

IPC 8 full level

C11D 3/395 (2006.01); **C09K 3/00** (2006.01); **C11D 3/22** (2006.01); **C11D 3/39** (2006.01); **D06L 3/02** (2006.01)

CPC (source: EP US)

C11D 3/222 (2013.01 - EP US); **C11D 3/3947** (2013.01 - EP US)

Cited by

EP0347988A1; US5591706A; EP0368575A3; US5358654A; WO9321296A1; WO9109103A1; WO9963042A1; WO2009056447A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0283792 A2 19880928; EP 0283792 A3 19890607; EP 0283792 B1 19910508; AT E63333 T1 19910515; DE 3709348 A1 19881006; DE 3862665 D1 19910613; DK 145788 A 19880922; DK 145788 D0 19880317; ES 2021774 B3 19911116; FI 87797 B 19921113; FI 87797 C 19930225; FI 880198 A0 19880118; FI 880198 A 19880922; JP S63249769 A 19881017; TR 24071 A 19910301; US 4879057 A 19891107

DOCDB simple family (application)

EP 88103337 A 19880304; AT 88103337 T 19880304; DE 3709348 A 19870321; DE 3862665 T 19880304; DK 145788 A 19880317; ES 88103337 T 19880304; FI 880198 A 19880118; JP 6596288 A 19880322; TR 12588 A 19880219; US 16899788 A 19880316