

Title (en)

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

Publication

EP 0283791 B1 19910508 (DE)

Application

EP 88103336 A 19880304

Priority

DE 3709347 A 19870321

Abstract (en)

[origin: US4790949A] Aqueous bleaching agent suspensions based on a water-insoluble peroxycarboxylic acid suspended in a carrier liquid in the presence of a colloidal silicic acid and of an acidifying agent which exhibit, in comparison to known suspensions with this base, an improved storage resistance and are more economical to prepare. This result is achieved by means of pourable-to-pasty bleaching agent suspensions which contain 0.1 to 9% by weight silicic acid in relation to the suspension and contain a hydrate-forming neutral salt which desensitizes peroxycarboxylic acids, in an amount of 10 to 400% by weight, calculated hydrate-free and in relation to peroxycarboxylic acid added. Preferred bleaching agent suspensions contain 10-30% by weight diperoxidodecanedioic acid, 5-20% by weight sodium sulfate and 2 to 6% by weight pyrogenic silicic acid, each in relation to the suspension. The use of non-dried, hydrophilized and optionally in situ-desensitized peroxycarboxylic acids is especially preferred. The preparation of the bleaching agents is performed by homogeneously suspending the peroxycarboxylic acid in the thickened carrier liquid. The storage-resistant bleaching agent suspensions find application as laundry bleaching agents and for the preparation of cleaning and disinfecting agents.

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IPC 8 full level

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