

Title (en)

STABILIZING SYSTEM FOR LIQUID HYDROGEN PEROXIDE COMPOSITIONS AND COMPOSITIONS SO STABILIZED

Publication

**EP 0349153 A3 19900314 (EN)**

Application

**EP 89306007 A 19890614**

Priority

US 21244788 A 19880628

Abstract (en)

[origin: EP0349153A2] Aqueous peroxide bleaching compositions including organic components such as surfactants, fluorescent whiteners and dyes are effectively stabilized by the addition of a stabilizing system comprising stabilizing effective amounts of a heavy metal chelating or sequestering agent and an aromatic amine free radical scavenging agent. Both agents must be present to achieve maximum stability. The aromatic amine free radical scavenging agent is preferably a primary or secondary aryl amine having at least one hydrogen on the nitrogen of the amine. The stabilizing system stabilizes the organic component as well as the peroxide oxidizing agent.

IPC 1-7

**C11D 3/39**

IPC 8 full level

**C01B 15/037** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 3/42** (2006.01); **C11D 3/44** (2006.01)

CPC (source: EP)

**C11D 3/0084** (2013.01); **C11D 3/394** (2013.01); **C11D 3/3947** (2013.01)

Citation (search report)

- [X] EP 0265041 A2 19880427 - CLOROX CO [US]
- [XD] EP 0209228 B1 19890906
- [Y] GB 760315 A 19561031 - ICI LTD
- [A] EP 0137669 A1 19850417 - PROCTER & GAMBLE [US], et al
- [Y] CHEMICAL ABSTRACTS, vol. 96, 1982 Columbus, Ohio, & al.: "Effect of antioxidants and benzoyl peroxide on farnesene oxidation" page 605; ref. no. 160983

Cited by

EP0751214A1; US5326494A; US5464552A; US5380456A; EP0672748A1; US6130198A; US5180514A; EP0845526A3; EP0843001A1; EP0752469A1; WO2006021285A1; WO9314183A1; WO9960087A1; US6413929B1

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DOCDB simple family (publication)

**EP 0349153 A2 19900103**; **EP 0349153 A3 19900314**; AU 2213292 A 19921029; AU 3710489 A 19900104; JP H0245600 A 19900215; MX 174330 B 19940509

DOCDB simple family (application)

**EP 89306007 A 19890614**; AU 2213292 A 19920903; AU 3710489 A 19890627; JP 15690589 A 19890621; MX 1663789 A 19890628