

Title (en)

The use of phosphonate compounds in hypochlorite bleaching compositions for treating textiles, for fabric whiteness and safety

Title (de)

Verwendung von Phosphonatverbindungen in Hypochloritbleichmittelzusammensetzungen zur Textilbehandlung, für erhöhten Gewebeweissgrad und -sicherheit

Title (fr)

Utilisation de composés phosphonates dans les compositions de blanchiment à base d'hypochlorite pour le traitement de matières textiles, pour améliorer la blancheur et protéger le tissu

Publication

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Application

**EP 97870141 A 19970919**

Priority

EP 97870141 A 19970919

Abstract (en)

The present invention relates to the bleaching of textiles with hypochlorite bleaching compositions which comprise a phosphonate ingredient, for improved fabric whiteness and improved fabric safety.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [Y] EP 0743280 A1 19961120 - PROCTER & GAMBLE [US]
- [Y] US 3297578 A 19670110 - CRUTCHFIELD MARVIN MACK [US], et al
- [Y] US 3629124 A 19711221 - KING THOMAS M
- [A] EP 0743279 A1 19961120 - PROCTER & GAMBLE [US]
- [A] EP 0668345 A1 19950823 - PROCTER & GAMBLE [US]
- [A] US 3740187 A 19730619 - KOWALSKI X
- [A] US 3391083 A 19680702 - IRANI RIYAD R, et al
- [A] EP 0509382 A2 19921021 - GRACE W R & CO [US]
- [DA] DATABASE WPI Section Ch Week 9525, Derwent World Patents Index; Class A14, AN 95-190679, XP002055523

Cited by

DE10124288A1; WO2010057977A1

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DOCDB simple family (application)

**EP 97870141 A 19970919**; AR P980104677 A 19980918; AU 8744598 A 19980828; CO 98054353 A 19980921; EP 98938855 A 19980828; IB 9801342 W 19980828; MA 25265 A 19980921; PE 00090098 A 19980918; PL 33937898 A 19980828; TR 200001221 T 19980828; ZA 988579 A 19980918