

Title (en)

Liquid bleaching compositions with improved safety to fabrics and colors

Title (de)

Bleichmittelzusammensetzung mit verbesserter Sicherheit für Gewebe und Farben

Title (fr)

Compositions de blanchiment avec sécurité améliorée pour les tissus et les couleurs

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Application

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Priority

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Abstract (en)

The present invention relates to a liquid bleaching composition comprising a peroxygen bleach and a salt free zwitterionic betaine surfactant. These compositions are suitable to deliver excellent stain removal performance and bleaching performance on fabrics, with improved safety to the fabrics and colours especially under pretreatment conditions.

IPC 1-7

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IPC 8 full level

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Citation (search report)

- [A] GB 1398253 A 19750618 - FLOW PHARMA INC
- [A] WO 9731093 A1 19970828 - PROCTER & GAMBLE [US], et al
- [A] US 4490536 A 19841225 - CORTI MIGUEL [US], et al
- [A] WO 9712856 A1 19970410 - HENKEL KGAA [DE], et al
- [A] DATABASE WPI Section Ch Week 9629, Derwent World Patents Index; Class D25, AN 96-283767, XP002057701

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