

Title (en)
Bleaching compositions

Title (de)
Bleichmittelzusammensetzungen

Title (fr)
Compositions de blanchiment

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Application
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Abstract (en)
The present invention relates to liquid hypohalite bleach-containing compositions which comprise a brightener and a radical scavenger, for effective fabric whiteness upon ageing of the compositions.

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Citation (search report)
• [X] US 5196139 A 19930323 - MOSCHNER KARL [US]
• [DX] EP 0462793 A2 19911227 - CLOROX CO [US]
• [A] US 3666680 A 19720530 - BRIGGS BENJAMIN R
• [DA] EP 0156438 A2 19851002 - PROCTER & GAMBLE [US]
• [DA] EP 0668345 A1 19950823 - PROCTER & GAMBLE [US]
• [A] US 5034150 A 19910723 - SMITH WILLIAM L [US]
• [DA] EP 0206718 A2 19861230 - CLOROX CO [US]
• [A] US 4900468 A 19900213 - MITCHELL JAMES D [US], et al

Cited by
EP1886658A3; WO0152801A1; EP1036155B1; EP1001011B2

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