

Title (en)  
Bleaching compositions.

Title (de)  
Bleichmittelzusammensetzungen.

Title (fr)  
Compositions de blanchiment.

Publication  
**EP 0105690 A1 19840418 (EN)**

Application  
**EP 83305726 A 19830926**

Priority  

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- US 53245683 A 19830916

Abstract (en)

This invention relates to bleaching compositions. More particularly, this invention relates to bleaching compositions that provide effective and efficient solution bleaching and/or surface bleaching performance on textiles. Such bleaching performance is obtained over an extremely wide class of stains and soils and a wide range of bleaching solution temperatures and pH. The bleaching compositions within the invention contain a carboxylic acid and an aromatic sulfonyl halide bleach activator. In a highly preferred embodiment the bleaching compositions within the invention are detergent compositions.

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**C11D 3/39** (2006.01)

CPC (source: EP)  
**C11D 3/3907** (2013.01)

Citation (search report)  

- [AD] US 4292191 A 19810929 - GRAY FREDERICK W
- [AD] US 4107065 A 19780815 - GRAY FREDERICK W
- [A] DE 2737865 A1 19780302 - PROCTER & GAMBLE

Cited by  
EP0137669A1; US4758369A; US5004558A; EP0267175A3; EP0195663A3; US4824591A; JPH0317197A; US5106528A; EP0337535A3; AU615531B2; EP3266762A1

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