

Title (en)  
PROTEIN STAIN-REMOVING COMPOSITIONS

Publication  
**EP 0233721 A3 19880831 (EN)**

Application  
**EP 87300845 A 19870130**

Priority  
• US 82877386 A 19860212  
• US 88522486 A 19860714

Abstract (en)  
[origin: EP0233721A2] Proteinaceous stains are removed more effectively from fabrics by treatment with protease in the presence of a reagent which cleaves disulfide bonds. A detergent is preferably also used.

IPC 1-7  
**C11D 3/386**

IPC 8 full level  
**C11D 3/386** (2006.01)

CPC (source: EP)  
**C11D 3/386** (2013.01)

Citation (search report)  
• [X] US 3741901 A 19730626 - ZIFFER J  
• [X] US 4421664 A 19831220 - ANDERSON CHARLES R [US], et al  
• [X] DE 1948653 A1 19710401 - HENKEL & CIE GMBH

Cited by  
US5258304A; US5356803A; EP0425018A3; US5238843A; EP2219687B1

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CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
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