

Title (en)  
Laundry detergent composition.

Title (de)  
Waschmittel für Wäsche.

Title (fr)  
Détergent pour le linge.

Publication  
**EP 0385562 A2 19900905 (EN)**

Application  
**EP 90300023 A 19900102**

Priority  
US 29283789 A 19890103

Abstract (en)  
Granulated laundry detergents comprising an admixture of at least one builder, at least one fluorescer, at least one nonionic surfactant and at least one cationic surfactant comprising a quaternary ammonium compound in which three of the substituents are lower alkyl or modified alkyl groups and the fourth substituent comprises a long chain alkyl or modified alkyl group joined to the nitrogen atom through an electronegative group. The laundry detergents are effective for removing oily stains with minimal soil redeposition and do not substantially affect the performance of the anionic fluoescers.

IPC 1-7  
**C11D 1/835; C11D 3/42**

IPC 8 full level  
**C11D 1/62** (2006.01); **C11D 1/835** (2006.01); **C11D 3/42** (2006.01); **C11D 1/00** (2006.01); **C11D 1/72** (2006.01); **C11D 1/75** (2006.01)

CPC (source: EP)  
**C11D 1/835** (2013.01); **C11D 3/42** (2013.01); **C11D 1/002** (2013.01); **C11D 1/62** (2013.01); **C11D 1/72** (2013.01); **C11D 1/75** (2013.01)

Cited by  
EP0846758A3; EP0838518A3; US7572761B2; WO9407978A1; WO9406899A1; US11795143B2; US11897834B2; US11857515B2; US11731937B2; US8568195B1; US11787967B2

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DOCDB simple family (application)  
**EP 90300023 A 19900102**; AU 4712189 A 19891220; CA 2006439 A 19891221; JP 34495589 A 19891228