

Title (en)  
Liquid detergent composition.

Title (de)  
Flüssiges Reinigungsmittel.

Title (fr)  
Composition détergente liquide.

Publication  
**EP 0334566 B1 19940831 (EN)**

Application  
**EP 89302692 A 19890317**

Priority  
• GB 8806701 A 19880321  
• GB 8823803 A 19881011

Abstract (en)  
[origin: EP0334566A2] A pourable, homogenous, abrasive aqueous detergent composition, suitable for cleaning hard surfaces contains detergent active compound which is preferably a mixture of anionic and nonionic detergent active compounds, and the water soluble salt potassium sulphate in an amount sufficient to provide undissolved particles which act as an abrasive. The composition has an apparent viscosity which is sufficient to maintain the particles of salt in suspension during storage while ensuring that the composition remains pourable.

IPC 1-7  
**C11D 17/00**; **C11D 3/04**

IPC 8 full level  
**C11D 1/65** (2006.01); **C11D 3/02** (2006.01); **C11D 3/14** (2006.01); **C11D 3/60** (2006.01); **C11D 17/00** (2006.01); **C11D 1/22** (2006.01); **C11D 1/29** (2006.01); **C11D 1/52** (2006.01)

CPC (source: EP KR)  
**C11D 1/65** (2013.01 - EP); **C11D 1/652** (2013.01 - EP); **C11D 3/046** (2013.01 - EP); **C11D 3/34** (2013.01 - KR); **C11D 17/0013** (2013.01 - EP); **C11D 1/22** (2013.01 - EP); **C11D 1/29** (2013.01 - EP); **C11D 1/523** (2013.01 - EP)

Cited by  
GB2434586A; EP0524762A3; TR25996A; JPH05501581A; TR27442A; US5993562A; US5756442A; CN1065269C; DE19752454B4; DE19752454A1; EP0570226A3; EP4098727A1; US8329631B2; US6225272B1; WO2010097316A1; WO9108282A1; WO9404648A3; WO0129171A1; WO9821300A3; WO9806802A1; WO9429418A1

Designated contracting state (EPC)  
CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)  
**EP 0334566 A2 19890927**; **EP 0334566 A3 19901122**; **EP 0334566 B1 19940831**; AU 3142389 A 19890921; AU 611541 B2 19910613; BR 8901275 A 19891107; CA 1336386 C 19950725; DE 68917763 D1 19941006; DE 68917763 T2 19950202; ES 2059728 T3 19941116; IN 168714 B 19910525; JP 2521147 B2 19960731; JP H01304191 A 19891207; KR 890014723 A 19891025; KR 960000204 B1 19960103; MY 104417 A 19940331; PH 25043 A 19910128; TR 24196 A 19910701

DOCDB simple family (application)  
**EP 89302692 A 19890317**; AU 3142389 A 19890317; BR 8901275 A 19890320; CA 594045 A 19890317; DE 68917763 T 19890317; ES 89302692 T 19890317; IN 70BO1989 A 19890320; JP 6912589 A 19890320; KR 890003496 A 19890321; MY PI19890360 A 19890321; PH 38352 A 19890320; TR 24189 A 19890321