

Title (en)  
Liquid detergent compositions.

Title (de)  
Flüssige Detergenezusammensetzungen.

Title (fr)  
Compositions détergentes liquides.

Publication  
**EP 0239195 A1 19870930 (EN)**

Application  
**EP 87300720 A 19870128**

Priority  
GB 8602327 A 19860130

Abstract (en)  
An aqueous liquid alkaline structured detergent composition comprising a nonionic detergent surfactant, a detergency builder, a dissolved sodium silicate, an alkaline agent and a structuring polymer agent, the amount of all dissolved sodium silicate material and the amount of all alkaline agent being such that the resultant amount of the alkali metal silicate is at least 10% by weight of the total composition and the weight ratio of the amount of free sodium cations to the amount of silicate anions expressed in terms of silicon dioxide being equal to or below 0.7:1, sufficient alkaline agent being present to provide the composition at an aqueous solution concentration of 1 % by weight with a pH value of at least 11.

IPC 1-7  
**C11D 3/08**

IPC 8 full level  
**C11D 1/52** (2006.01); **C11D 1/72** (2006.01); **C11D 3/08** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)  
**C11D 1/526** (2013.01); **C11D 1/72** (2013.01); **C11D 3/08** (2013.01); **C11D 3/3765** (2013.01)

Citation (search report)

- [Y] DE 2435479 A1 19760212 - HENKEL & CIE GMBH
- [Y] DE 2149251 A1 19730405 - HENKEL & CIE GMBH
- [YD] US 4556504 A 19851203 - REK JOHANNES H M [NL]

Cited by  
US5536437A; AU667660B2; EP0398021A3; GR900100382A; WO9105845A1; WO9112307A3

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**EP 0239195 A1 19870930; EP 0239195 B1 19890726; DE 3760366 D1 19890831; GB 8602327 D0 19860305**

DOCDB simple family (application)  
**EP 87300720 A 19870128; DE 3760366 T 19870128; GB 8602327 A 19860130**