

Title (en)  
QUATERNARY AMMONIUM COMPOUNDS AS FABRIC-SOFTENING AGENTS

Publication  
**EP 0021546 A3 19810114 (EN)**

Application  
**EP 80200613 A 19800627**

Priority  
US 5434179 A 19790702

Abstract (en)  
[origin: EP0021546A2] Novel fabric softening compounds of the formulae <CHEM> wherein R1 and R2 are independently selected from the group consisting of aliphatic radicals containing from about 8 to about 22 carbon atoms, R3 and R4 are independently selected from the group consisting of hydrogen and methyl, R5 is selected from the group consisting of hydrogen and aliphatic radicals containing from about 8 to about 22 carbon atoms, x and y are independently integers from 1 to about 20, and z is 0 or 1 are disclosed. Also disclosed is a method for conditioning textiles utilizing said compounds.

IPC 1-7  
**C07C 93/00; C11D 1/62; D06M 13/46**

IPC 8 full level  
**C11D 1/62** (2006.01)

CPC (source: EP)  
**C11D 1/62** (2013.01)

Citation (search report)  
[X] DE 2007372 A1 19710909

Cited by  
EP0264066A3; FR2574400A1; US4675131A; EP0075168A1; US4456554A; WO9741195A1

Designated contracting state (EPC)  
BE DE FR GB IT NL

DOCDB simple family (publication)  
**EP 0021546 A2 19810107; EP 0021546 A3 19810114**; AU 5978880 A 19810115; BR 8004059 A 19810121; CA 1172652 A 19840814; ES 492977 A0 19810616; ES 8105808 A1 19810616

DOCDB simple family (application)  
**EP 80200613 A 19800627**; AU 5978880 A 19800701; BR 8004059 A 19800627; CA 354551 A 19800623; ES 492977 A 19800701