

Title (en)  
Acidic pH detergent composition

Title (de)  
Waschmittel mit saurem pH-Wert

Title (fr)  
Composition détergente ayant un pH acide

Publication  
**EP 0863199 A3 19990915 (DE)**

Application  
**EP 98103669 A 19980303**

Priority  
DE 19708500 A 19970303

Abstract (en)  
[origin: EP0863199A2] Particulate laundry agent composition for washing textiles comprises: (i) 5-70 wt.% anionic, non-ionic, cationic, amphoteric and/or zwitterionic surfactants; (ii) 5-50 wt.% NaHCO<sub>3</sub> and/or Na<sub>2</sub>CO<sub>3</sub>; and (iii) 20-50 wt.% solid citric acid and/or another (in)organic acidifying agent, such that a 1 wt.% aqueous solution has a pH of less than 7.

IPC 1-7  
**C11D 3/10**; **C11D 3/20**; **C11D 17/06**

IPC 8 full level  
**C11D 3/10** (2006.01); **C11D 3/20** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)  
**C11D 3/10** (2013.01); **C11D 3/2086** (2013.01); **C11D 17/06** (2013.01)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 013, no. 205 (C - 595) 15 May 1989 (1989-05-15)

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**EP 98103669 A 19980303**; DE 19708500 A 19970303