

Title (en)  
Skin-friendly detergent mixtures

Title (de)  
Hautfreundliche Detergensgemische

Title (fr)  
Mélanges détergents non agressifs pour la peau

Publication  
**EP 1657296 A1 20060517 (DE)**

Application  
**EP 05023929 A 20051103**

Priority  
• DE 102004054843 A 20041112  
• DE 102005013132 A 20050322

Abstract (en)  
Use of chitosan and/or its derivatives (I) for the improvement of the skin compatibility of detergent mix. Independent claims are also included for: (1) an aqueous preparation (II) comprising (I) and surfactant, under the condition that (I) is free of ester group containing cationic quaternary ammonium compounds; and (2) method for skin preserving manual dishwashing comprising first applying a chitosan-containing preparation on the skin of the hands and subsequently cleaning the dishes manual in conventional method with a dishwashing agent.

IPC 8 full level  
**C11D 1/66** (2006.01); **C11D 1/94** (2006.01); **C11D 3/22** (2006.01); **C11D 1/90** (2006.01)

CPC (source: EP US)  
**C11D 1/662** (2013.01 - EP US); **C11D 1/94** (2013.01 - EP US); **C11D 3/227** (2013.01 - EP US); **C11D 1/90** (2013.01 - EP US)

Citation (search report)  
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• [X] EP 0392665 A1 19901017 - KAO CORP [JP]  
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• [X] DATABASE WPI Section Ch Week 200305, Derwent World Patents Index; Class A97, AN 2003-054480, XP002364928  
• [X] DATABASE WPI Section Ch Week 198944, Derwent World Patents Index; Class A97, AN 1989-321431, XP002083965

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**EP 05023929 A 20051103**; DE 102005013132 A 20050322; US 27118705 A 20051110; US 47976209 A 20090605