

Title (en)  
LIQUID WASHING AGENT AND PROCESS FOR ITS PRODUCTION

Publication  
**EP 0253151 A3 19900613 (DE)**

Application  
**EP 87108777 A 19870619**

Priority  
DE 3621536 A 19860627

Abstract (en)  
[origin: EP0253151A2] The liquid washing agent based on non-ionic surfactants and particulate builders contains a surfactant liquid component from adducts of 2 to 8 mol of ethylene oxide and 1 mol of fatty alcohol with 10 to 12 C atoms, anionic surfactants and low molecular weight polyethylene glycol. The surfactant liquid component comprises at least 20% by weight of the complete washing agent. The ratio of fatty alcohol ethoxylate to anionic surfactant is in the range 1:1 to 2:1. The washing agent has a density between 1.4 and 1.8 and is virtually free of water and gases.

IPC 1-7  
**C11D 1/72**

IPC 8 full level  
**C11D 1/83** (2006.01); **C11D 1/831** (2006.01); **C11D 10/04** (2006.01); **C11D 17/00** (2006.01); **C11D 17/04** (2006.01); **C11D 17/08** (2006.01); **C11D 1/22** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP US)  
**C11D 1/83** (2013.01 - EP US); **C11D 1/831** (2013.01 - EP US); **C11D 10/045** (2013.01 - EP US); **C11D 17/0004** (2013.01 - EP US); **C11D 17/043** (2013.01 - EP US); **C11D 1/22** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US)

Citation (search report)  
• [A] DE 1959652 B2 19790510  
• [A] DE 2709690 C2 19790111  
• [A] EP 0160254 A2 19851106 - HENKEL KGAA [DE]

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