

Title (en)  
MANUAL AND MECHANICAL APPLICABLE COLD WASHING AGENT

Publication  
**EP 0157320 B1 19911002 (DE)**

Application  
**EP 85103455 A 19850323**

Priority  
DE 3412091 A 19840331

Abstract (en)  
[origin: EP0157320A2] To increase the washing power at low washing temperatures, washing agents of a conventional composition contain a washing power enhancer consisting of fatty acid ethanolamides or C12-C18-alkylamines ethoxylated with 1-5 mol of ethylene oxide. The high foam activation of these compounds is compensated by a foam-suppressant additive consisting of a special polydimethylsiloxane (molecular weight maxima at 50,000) which is activated with hydrophobic silica and has a viscosity of 10,000 to 40,000 mPa.s at 25 DEG C. The ratio of washing power enhancer to foam inhibitor is preferably 4 : 1 to 2 : 1 by weight and the content of both additives in the washing agent is 1 to 5 % by weight. The agents are suitable for manual and mechanical laundering.

IPC 1-7  
**C11D 3/00; C11D 3/30; C11D 3/32**

IPC 8 full level  
**C11D 1/44** (2006.01); **C11D 1/52** (2006.01); **C11D 3/00** (2006.01); **C11D 3/30** (2006.01); **C11D 3/32** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)  
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