

Title (en)  
GRANULAR ADDITIVE CONTAINING NONIONIC SURFACTENTS FOR DETERGENT AND CLEANING AGENTS WITH IMPROVED RINSING PROPERTIES

Publication  
**EP 0425804 A3 19910703 (DE)**

Application  
**EP 90117749 A 19900914**

Priority  
DE 3936405 A 19891102

Abstract (en)  
[origin: EP0425804A2] The invention relates to a granular additive for granular detergents and cleaning agents, consisting of a granular adsorbent (I) and, adsorbed thereon, non-ionic surfactants (II) from the class of polyglycol ether derivatives, where component (I) has the following composition based on anhydrous substance: (a) 50 to 75 % by weight of microcrystalline zeolite, (b) 2 to 10 % by weight of a sheet silicate and (c) 2.5 to 10 % by weight of the sodium salt of a (co)polymeric carboxylic acid. The remainder consists of up to 10 % by weight of sodium sulphate and of water and minor constituents. The ratio of adsorbent (I) to non-ionic surfactant (II) is 2 : 1 to 20 : 1 by weight. The agents have improved rinsing properties in domestic washing machines.

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**C11D 3/126** (2013.01); **C11D 3/128** (2013.01); **C11D 3/3761** (2013.01)

Citation (search report)  
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• [A] EP 0344629 A1 19891206 - HENKEL KGAA [DE]  
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