

Title (en)  
Low foaming washing-machine detergents.

Title (de)  
Schwachsäumende Maschinen-Waschmittel.

Title (fr)  
Détergents pour machine à laver qui forment peu de mousse.

Publication  
**EP 0457965 B1 19950621 (DE)**

Application  
**EP 90124032 A 19901213**

Priority  
DE 4016819 A 19900525

Abstract (en)  
[origin: DE4016819A1] In a low foam, liq. or powder machine washing compsn., the surfactant component contains 5-30% of alkylpolyglycoside, 5-30% of alkanol ether carboxylate, 5-30% of soap, and 0-3% of other surfactants. The alkylpolyglycoside is R-O-Zn and is esp. a fatty alcohol polyglucoside. The alkanol ether carboxylate is (R'-O(CH<sub>2</sub>CH<sub>2</sub>-O)<sub>x</sub>CH<sub>2</sub>COO)mMm<sup>+</sup> or ((R''-O(CH<sub>2</sub>CH<sub>2</sub>-O)<sub>y</sub>)<sub>2</sub>CHCOO)zNz<sup>+</sup>, and the soap is R'''COOP. R = 10-18C (un)branched, (un)satd. alkyl; Zn = polyglycosyl radical with n = 1-3 hexose or pentose units; n esp. = 1.1-2; R'' = 8-22C (un)branched alkyl; x, y = 1-40; esp. x = 3-20; z = 1 or 2; m = 1 or 2 (1); M, N = H, alkali(ne earth), NH<sub>4</sub> or alkanolammonium, pref. Na, K, NH<sub>4</sub> or alkanolammonium; R' = 8-22C (10-18C) (un)satd., (un)branched alkyl; R''' = 8-22C satd. and/or unsatd. alkyl; P = H, alkali, NH<sub>4</sub> or alkanolammonium. The concn. of the tenside component is 0.3-20 g/l. The compsn. may contain builders, bleaches, suspension agents, enzymes, stabilisers, greying inhibitors, corrosion inhibitors, optical brighteners, dyes, perfume oils and opt. other non-surfactant components.

IPC 1-7  
**C11D 10/04**

IPC 8 full level  
**C11D 1/06** (2006.01); **C11D 10/04** (2006.01); **C11D 1/66** (2006.01)

CPC (source: EP)  
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Cited by  
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DOCDB simple family (publication)  
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