

Title (en)

Granular adsorption material with improved flushing property.

Title (de)

Körniges Adsorptionsmittel mit verbessertem Einspülverhalten.

Title (fr)

Composition adsorbente granulaire avec une capacité de dégagement améliorée.

Publication

EP 0344629 B1 19931208 (DE)

Application

EP 89109494 A 19890526

Priority

DE 3818829 A 19880603

Abstract (en)

[origin: WO8912087A1] A granular mixture comprising (a) 45-75 wt. % of zeolite, (b) 1-6 wt % of a water-soluble soap composed essentially of saturated C12-18 fatty acids, (c) 1-12 wt. % of homo- or copolymers of acrylic acid, methacrylic acid or maleic acid or their water-soluble salts, calculated as the sodium salt, (d) 0-25 wt. % of sodium sulphate, (e) 0-5 wt. % of tensides of the nonionic polyglycol ether derivative type, (f) 10-22 wt. % of water, produced by spray drying has an average particle size of 0.2 to 1.2 mm and a bulk density of 350 to 650 g/l. The product can be used as a washing agent additive, is characterized by a high capacity for adsorbing liquid to pastelike washing agent constituents, in particular nonionic detergents, and improved ease of rinsing into domestic washing machines.

IPC 1-7

C11D 3/12; **C11D 3/37**; **C11D 17/00**

IPC 8 full level

B01J 20/22 (2006.01); **C11D 3/12** (2006.01); **C11D 3/20** (2006.01); **C11D 3/37** (2006.01); **C11D 10/04** (2006.01); **C11D 11/02** (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP KR US)

C11D 3/12 (2013.01 - KR); **C11D 3/128** (2013.01 - EP US); **C11D 3/2079** (2013.01 - EP US); **C11D 3/3761** (2013.01 - EP US); **C11D 17/065** (2013.01 - EP US)

Cited by

EP0520582A1; EP0425804A3; EP0425277A3; US5723428A; EP0419970A3; GB2239513A; GB2239513B; WO9418294A1; WO9207060A1; EP2009086A1

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