Title (en)

Process for preparing high bulk density detergent powders containing clay.

Title (de)

Verfahren zur Herstellung von Ton enthaltenden Reinigungspulvern hoher Dichte.

Title (fr)

Procédé de préparation de détergents en poudre à haute densité contenant des argiles.

Publication

EP 0430328 B1 19950215 (EN)

Application

EP 90203012 A 19901114

Priority

GB 8926718 A 19891127

Abstract (en)

[origin: EP0430328A2] A process for preparing a granular detergent composition or component having a bulk density of at least 550 g/l, which comprises the steps of adding up to 35% by weight of a swelling clay to a particulate starting material comprising: (a) from 10 to 70% by weight of non-soap detergent active material, and (b) at least 10% by weight of water-soluble crystalline inorganic salts, including sodium tripolyphosphate and/or sodium carbonate, the weight ratio of (a) to (b) being at most 2.5, and treating the mixture in a high-speed mixer/granulator having both a stirring action and a cutting action. The obtained granular detergent composition has good powder dissolution properties, a good softening in the wash performance and a good storage stability.

IPC 1-7

C11D 3/12; C11D 3/06; C11D 3/10; C11D 11/00; C11D 17/06

IPC 8 full level

C11D 3/06 (2006.01); **C11D 3/10** (2006.01); **C11D 3/12** (2006.01); **C11D 10/02** (2006.01); **C11D 11/00** (2006.01); **C11D 11/02** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP KR)

C11D 3/00 (2013.01 - KR); **C11D 3/126** (2013.01 - EP); **C11D 17/065** (2013.01 - EP)

Cited by

US5990073A; US6069124A; RU2615165C2; EP1048713A1; GB2363801A; GB2363801B; WO0066686A1; US8969280B2; US9683204B2; US6191095B1; US6303558B1; US6221831B1; WO2013184981A3; WO2013184987A3; WO9854289A1

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