

Title (en)
Granular builder for detergent compositions

Title (de)
Granularer Waschmittelbuilder

Title (fr)
Adjuvant sous forme de granulé pour les compositions détergentes

Publication
EP 0753568 B1 20020925 (DE)

Application
EP 96109246 A 19960610

Priority
DE 19525197 A 19950711

Abstract (en)
[origin: EP0753568A2] Granular washing agent builder (I) in the form of a cogranulate comprising a mixt. of NaHCO₃ and crystalline sheet silicates of formula NaMSi_xO₂x+1*yH₂O, where M = Na or H, x = 1.9-4 and y = 0-20. The novelty is that (I) a) contains 5-50 wt.% crystalline sheet silicate and 50-95 wt.% NaHCO₃; b) has a pH ≤ 10 in 1% soln. in distilled. water; c) has a Ca binding power ≥ 150 mg Ca/g (30 degrees dH) and a Mg binding power ≥ 4 mg Mg/g (3 degrees dH) and d) a bulk density ≥ 850 g/l. Also claimed is the prepn. of (I) by mixing together NaHCO₃ and sodium silicate in powder form and feeding the mixt. into a zone where it is compacted under pressure between two rollers rotating in opposite directions to give a solid body (cuttle-bones) and reducing the solid body and then separating the desired grain sizes from the over- and undersized material. Also claimed are the washing and cleaning agents containing (I).

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IPC 8 full level
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CPC (source: EP KR US)
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