

Title (en)
GRANULAR NON-PHOSPHORUS DETERGENT BLEACH COMPOSITIONS

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EP 0241962 B1 19900516 (EN)

Application
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Priority
GB 8607387 A 19860325

Abstract (en)
[origin: EP0241962A2] Granular detergent bleach compositions substantially free of phosphorus-containing material comprising as builder 1) a carbonate/calcite mixture, 2) an aluminosilicate cation exchange material, 3) a nitrilotriacetic acid compound or a mixture of 2) and 3); a peroxygen bleaching agent and a granular non-phosphorus bleach activator composition comprising: (a) 50-90% by weight of a bleach activator; (b) 5-45% by weight of an inert non-alkaline, non-phosphate water-soluble salt; and (c) 1-15% by weight of a water-soluble, low- to non-carboxylate containing film-forming polymeric material of average molecular weight of from 500-1,000,000. The granular non-phosphorus bleach activator composition has the advantage that it does not cause poisoning of calcite.

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IPC 8 full level
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CPC (source: EP)
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Cited by
US5998645A; US5969171A; US5112514A; EP2154233A1; EA017243B1; EP0468824A3; EP0694607A3; US5269962A; EP0507475A3; US5002691A; CN108884426A; EP3423560A4; WO9840457A1; US6214785B1; US6365562B1; US6545147B1; EP0790244A1; WO2010018043A1; US10465149B2; US11118145B2

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