

Title (en)

Low pH granular laundry detergent compositions containing aluminosilicate citric acid and carbonate builders

Title (de)

Niedrig-pH-Waschmittelgranulate enthaltend Aluminiumsilikat, Zitronensäure und Carbonatbuilder

Title (fr)

Compositions détergentes granulaires pour le linge ayant un pH bas et contenant des renforceurs d'aluminosilicate, d'acide citrique et de carbonate

Publication

**EP 0456315 B1 19960821 (EN)**

Application

**EP 91201057 A 19910503**

Priority

US 52057190 A 19900508

Abstract (en)

[origin: EP0456315A2] Low pH, dense granular laundry detergent compositions contain a specific aluminosilicate, citric acid and carbonate builder system, and little or no phosphate. The compositions provide good cleaning and have good physical properties.

IPC 1-7

**C11D 3/12**; **C11D 3/20**; **C11D 3/10**

IPC 8 full level

**C11D 1/37** (2006.01); **C11D 3/10** (2006.01); **C11D 3/12** (2006.01); **C11D 3/20** (2006.01); **C11D 3/60** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)

**C11D 3/10** (2013.01); **C11D 3/128** (2013.01); **C11D 3/2086** (2013.01)

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Cited by

EP0863199A3; EP1416039A1; US5583098A; GB2271998A; US5338476A; EP1416040A1; US5723428A; US6114297A; EP0889117A4; US5300250A; TR26724A; US6936577B2; WO2015096095A1; WO9314182A1; WO9218596A1; US7026278B2; EP1272602B2

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