

Title (en)

Use of water soluble builders with a specific particle size in bleach free laundry detergents

Title (de)

Verwendung wasserlöslicher Builder von bestimmter Korngrösse in bleichfreien Waschmitteln

Title (fr)

Utilisation d'agents builders hydrosolubles de granulométries spécifiques dans des compositions détergentes sans agent de blanchiment

Publication

EP 1416039 B1 20080326 (DE)

Application

EP 02024318 A 20021102

Priority

EP 02024318 A 20021102

Abstract (en)

[origin: EP1416039A1] Use is claimed in bleach-free detergents of water-soluble builders which have a particle size distribution such that particles of sizes from 0.2 to below 0.4 mm are excluded.

IPC 8 full level

C11D 17/00 (2006.01); **C11D 3/00** (2006.01); **C11D 3/08** (2006.01); **C11D 3/10** (2006.01); **C11D 3/12** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)

C11D 3/08 (2013.01); **C11D 3/10** (2013.01); **C11D 3/1273** (2013.01); **C11D 3/3761** (2013.01)

Cited by

EP1820844A1; US7947642B2; US8080509B2; WO2007093970A1

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EP 1416039 A1 20040506; **EP 1416039 B1 20080326**; AT E390478 T1 20080415; DE 50211976 D1 20080508; DK 1416039 T3 20080714; ES 2302778 T3 20080801; PT 1416039 E 20080708

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