

Title (en)

Non-aqueous, nonionic heavy duty laundry detergent.

Title (de)

Nichtwässrige, nichtionogene Hochleistungswaschmittel.

Title (fr)

Composition détergente non-ionique non-aqueuse pour lavage intense.

Publication

**EP 0413616 B1 19950329 (EN)**

Application

**EP 90400897 A 19900402**

Priority

US 39585689 A 19890818

Abstract (en)

[origin: EP0413616A1] Stable, Nonaqueous built detergent compositions are provided. The compositions comprise a liquid phase of non-ionic surfactant and a solid, dispersed phase of insolubles at least one of which is a builder such as sodium tripolyphosphate and trisodium citrate. The compositions may also contain bleach, and the conventional adjuvants. Stability and improved dispersibility in water is provided by a carboxy-containing polymer.

IPC 1-7

**C11D 17/00**; **C11D 3/37**; **C11D 17/08**; **C11D 1/66**

IPC 8 full level

**C11D 10/02** (2006.01); **C11D 3/06** (2006.01); **C11D 3/20** (2006.01); **C11D 3/36** (2006.01); **C11D 3/37** (2006.01); **C11D 3/386** (2006.01); **C11D 3/39** (2006.01); **C11D 17/00** (2006.01); **C11D 17/08** (2006.01)

CPC (source: EP)

**C11D 3/06** (2013.01); **C11D 3/2086** (2013.01); **C11D 3/3765** (2013.01); **C11D 3/38618** (2013.01); **C11D 3/3942** (2013.01); **C11D 3/3947** (2013.01); **C11D 17/0004** (2013.01)

Cited by

US7169192B2; EP2083067A1; US7179781B2; US7572759B2; EP0510762A3; AU678378B2; EP0510580A1; EP0786517A1; CN110869482A; US6699831B2; WO2004099356A1; WO9403580A1; WO03060054A3; WO9618716A1; WO2016196020A1; WO9401524A1; US7303587B2; WO2019027633A1; US7399316B2; US7749282B2

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DOCDB simple family (application)

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