

Title (en)
LIQUID LOW-PHOSPHATE NON-POLLUTING DETERGENT

Publication
EP 0025147 B1 19840118 (DE)

Application
EP 80104929 A 19800820

Priority
DE 2934484 A 19790825

Abstract (en)
[origin: EP0025147A1] 1. Aqueous-liquid low-phosphate and non-pollutant washing agent, containing surface-active sulphonates, salts of fatty acids, non-ionic surface-active agents, inorganic silicates and sequestering agents with a water content of less than 50% characterised by a content of from 2 to 40% by weight of alkane sulphonates, from 5 to 98% by weight of non-ionic surface-active agents, in relation to the surfactant combination, and also of phosphate-containing and/or phosphate-free sequestering agents.

IPC 1-7
C11D 1/66; **C11D 1/12**; **C11D 1/28**

IPC 8 full level
C11D 1/12 (2006.01); **C11D 1/28** (2006.01); **C11D 1/66** (2006.01); **C11D 1/83** (2006.01); **C11D 3/00** (2006.01); **C11D 10/04** (2006.01); **C11D 1/02** (2006.01); **C11D 1/14** (2006.01); **C11D 1/38** (2006.01); **C11D 1/44** (2006.01); **C11D 1/52** (2006.01); **C11D 1/72** (2006.01); **C11D 1/74** (2006.01)

CPC (source: EP)
C11D 1/83 (2013.01); **C11D 3/06** (2013.01); **C11D 3/08** (2013.01); **C11D 10/04** (2013.01); **C11D 10/045** (2013.01); **C11D 1/02** (2013.01); **C11D 1/143** (2013.01); **C11D 1/38** (2013.01); **C11D 1/44** (2013.01); **C11D 1/526** (2013.01); **C11D 1/66** (2013.01); **C11D 1/72** (2013.01); **C11D 1/74** (2013.01)

Citation (examination)
• DD 63600 C
• DE 2109892 A1 19720127 - LION FAT OIL CO LTD
• DE 2749398 A1 19780601 - HENKEL KGAA
• DE 2530727 B2 19771229
• Stüpel "Synthetische Wasch- und Reinigungsmittel", Stuttgart 1957, S. 57, 137-142

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DOCDB simple family (publication)
EP 0025147 A1 19810318; **EP 0025147 B1 19840118**; AT E5895 T1 19840215; DE 2934484 A1 19810326; DE 2934484 C2 19890914; DE 3066181 D1 19840223

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