

Title (en)

Powder washing and cleaning components

Title (de)

Pulverförmige Wasch- und Reinigungsmittel-Komponente

Title (fr)

Composants de lavage et de nettoyage sous forme de poudre

Publication

EP 0849355 A2 19980624 (DE)

Application

EP 97121407 A 19971205

Priority

- DE 19653949 A 19961221
- DE 19719888 A 19970512

Abstract (en)

Powdered washing and cleaning agent components comprise a reaction product of an alkali silicate (I) and an acid polycarboxylate (II).

Abstract (de)

Die Erfindung betrifft eine pulverförmige Wasch- und Reinigungsmittel-Komponente, ein Verfahren zu ihrer Herstellung und ihre Verwendung.

IPC 1-7

C11D 17/06; **C11D 11/04**; **C11D 3/08**; **C11D 3/37**; **C11D 3/22**

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP1205537A3; EP1253189A3; EP2326672A4; US6844310B2; US6462006B1; US6908896B2; WO2010030323A1; US6455491B2; WO9957237A1

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EP 0849355 A2 19980624; **EP 0849355 A3 19991215**; **EP 0849355 B1 20040317**; CA 2226071 A1 19980621; CA 2226071 C 20030107;
CN 1186110 A 19980701; CZ 414697 A3 19980715; ES 2218632 T3 20041116; HU 9702513 D0 19980302; HU P9702513 A2 19990628;
HU P9702513 A3 20000828; JP 3258952 B2 20020218; JP H10251686 A 19980922; NO 975974 D0 19971219; NO 975974 L 19980622;
PL 323895 A1 19980622; TW 386109 B 20000401; US 2004176268 A1 20040909; US 7256169 B2 20070814

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EP 97121407 A 19971205; CA 2226071 A 19971219; CN 97108738 A 19971219; CZ 414697 A 19971219; ES 97121407 T 19971205;
HU P9702513 A 19971219; JP 35177997 A 19971219; NO 975974 A 19971219; PL 32389597 A 19971219; TW 86119447 A 19980116;
US 99447901 D 20010130