

Title (en)  
PARTICULATE DETERGENT COMPOSITIONS.

Title (de)  
ZUSAMMENSETZUNG TEILCHENFÖRMIGER WASCHMITTEL.

Title (fr)  
COMPOSITIONS DE DETERGENTS PARTICULAIRES.

Publication  
**EP 0581895 A4 19950426 (EN)**

Application  
**EP 92913595 A 19920421**

Priority  
• GB 9108639 A 19910423  
• US 9203286 W 19920421

Abstract (en)  
[origin: WO9218594A1] Particulate compositions are provided incorporating from about 10 % to about 95 % by weight of a crystalline layered silicate material of the formula  $\text{Na M Si}_x\text{O}_{2x+1} \cdot y\text{H}_2\text{O}$ , where M is sodium or hydrogen, x is a number from about 1.9 to 4 and y is a number from 0 to about 20 and from about 5 % to about 90 % by weight of a solid water soluble ionisable material selected from organic acids, organic and inorganic acid salts and mixture thereof, said solid water soluble ionisable material naming a mean particle size not greater than about 100 micrometers, said particulate compositions being substantially free of unbound moisture. The particulates can optionally contain up to about 50 % by weight of a surfactant and/or up to about 50 % by weight of other detergent ingredients. Fully formulated detergent compositions incorporating the particulate compositions are also disclosed.

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IPC 8 full level  
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• [PA] WO 9206151 A1 19920416 - PROCTER & GAMBLE [US]  
• [A] EP 0269982 A2 19880608 - HENKEL KGAA [DE]  
• See references of WO 9218594A1

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**WO 9218594 A1 19921029**; AR 245212 A1 19931230; AT E188504 T1 20000115; AU 2183992 A 19921117; AU 666316 B2 19960208; BR 9205925 A 19940705; CA 2108906 A1 19921024; CA 2108906 C 19980623; CN 1037453 C 19980218; CN 1067069 A 19921216; DE 69230531 D1 20000210; EP 0581895 A1 19940209; EP 0581895 A4 19950426; EP 0581895 B1 20000105; FI 934677 A0 19931022; FI 934677 A 19931022; GB 9108639 D0 19910612; HU 9303013 D0 19940328; IE 921286 A1 19921104; IN 185539 B 20010224; JP 2999263 B2 20000117; JP H06507197 A 19940811; MA 22511 A1 19921231; MX 9201885 A 19930101; MY 109666 A 19970331; NO 933800 D0 19931022; NO 933800 L 19931221; NZ 242425 A 19950726; PT 100420 A 19930831; PT 100420 B 19990630; SK 114193 A3 19940406

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