

Title (en)
SUGAR ESTERS AS DETERGENCY BOOSTERS

Publication
EP 0325109 A3 19910502 (EN)

Application
EP 89100110 A 19890105

Priority
US 14651388 A 19880121

Abstract (en)
[origin: EP0325109A2] A heavy duty detergent composition having incorporated therein a sugar ester which provides detergency boosting properties to the detergent composition. The sugar ester contains at least one long-chain fatty acid.

IPC 1-7
C11D 3/395; **C11D 3/22**

IPC 8 full level
C11D 3/22 (2006.01); **C11D 1/66** (2006.01); **C11D 1/722** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)
C11D 1/662 (2013.01); **C11D 3/3907** (2013.01); **C11D 17/0004** (2013.01)

Citation (search report)
• [A] US 4483778 A 19841120 - THOMPSON JAMES E [US], et al
• [A] GB 1548379 A 19790711 - JEYES GROUP LTD
• [A] GB 2138040 A 19841017 - COLGATE PALMOLIVE CO
• [A] GB 2179364 A 19870304 - COLGATE PALMOLIVE CO

Cited by
US5968886A; JPH03134096A; US5688757A; EP0380437A3; US5431849A; US6235703B1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0325109 A2 19890726; **EP 0325109 A3 19910502**; AU 2844489 A 19890727; AU 624801 B2 19920625; BR 8900218 A 19890912; CA 1317849 C 19930518; DK 17789 A 19890722; DK 17789 D0 19890117; JP H01266198 A 19891024; MX 169818 B 19930727; MY 105851 A 19950130; NZ 227646 A 19901026; ZA 89161 B 19900926

DOCDB simple family (application)
EP 89100110 A 19890105; AU 2844489 A 19890112; BR 8900218 A 19890119; CA 588765 A 19890120; DK 17789 A 19890117; JP 1300889 A 19890121; MX 1454689 A 19890113; MY PI19890057 A 19890119; NZ 22764689 A 19890117; ZA 89161 A 19890109