

Title (en)

AUTOMATIC DISHWASHER POWDER DETERGENT COMPOSITION

Publication

EP 0430818 A3 19911016 (EN)

Application

EP 90403421 A 19901130

Priority

US 44425089 A 19891201

Abstract (en)

[origin: EP0430818A2] This detergent composition having improved film or improved film and spot performance comprises at least one ingredient selected from the group consisting of organic detergent, detergent builder, foam inhibitor and mixtures thereof, and a nonabrasive 0.5 to 6.0 % amount of small substantially water insoluble particles selected from the group consisting of silica, alumina, titanium dioxide and mixtures thereof as an anti-filming agent.

IPC 1-7

C11D 3/12; **C11D 3/37**

IPC 8 full level

C11D 3/12 (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)

C11D 3/1213 (2013.01); **C11D 3/124** (2013.01); **C11D 3/3761** (2013.01)

Citation (search report)

- [A] EP 0315024 A2 19890510 - COLGATE PALMOLIVE CO [US]
- [A] DE 2022501 A1 19701112 - PROCTER & GAMBLE
- [A] US 4203858 A 19800520 - CHAKRABARTI PARITOSH M [US]

Cited by

AU2001235839B2; US5650017A; JP2012111810A; GB2348884A; GB2361708A; GB2361708B; WO9601308A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0430818 A2 19910605; **EP 0430818 A3 19911016**; CA 2031289 A1 19910602

DOCDB simple family (application)

EP 90403421 A 19901130; CA 2031289 A 19901130