

Title (en)
LAUNDRY SOFTENING CONCENTRATE

Publication
EP 0111074 B1 19870204 (DE)

Application
EP 83109466 A 19830923

Priority
DE 3243983 A 19821127

Abstract (en)
[origin: US4589989A] A laundry softener concentrate comprises one or more laundry softeners, synthetic silicon dioxide, and optionally one or more solubilizers. The laundry softener concentrate is in the form of a flowable powder.

IPC 1-7
C11D 3/00; **C11D 3/12**; **C11D 3/08**; **C11D 1/62**

IPC 8 full level
C11D 1/62 (2006.01); **C11D 3/00** (2006.01); **C11D 3/08** (2006.01); **C11D 3/12** (2006.01); **D06M 11/00** (2006.01); **D06M 11/79** (2006.01); **D06M 13/02** (2006.01); **D06M 13/322** (2006.01); **D06M 13/463** (2006.01); **D06M 13/473** (2006.01)

CPC (source: EP US)
C11D 1/62 (2013.01 - EP US); **C11D 3/001** (2013.01 - EP US); **C11D 3/124** (2013.01 - EP US)

Cited by
EP0175287A3; US5700387A; EP0151936A3; EP0881279A3; US5773409A; EP0163910A1; AU574460B2; US7704940B2; US6916779B2; US6914042B2; US6989361B2

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

DOCDB simple family (publication)
EP 0111074 A2 19840620; **EP 0111074 A3 19850814**; **EP 0111074 B1 19870204**; **EP 0111074 B2 19900418**; AT E25402 T1 19870215; CA 1226704 A 19870915; DE 3243983 A1 19840530; DE 3243983 C2 19841122; DE 3369699 D1 19870312; IL 70057 A0 19840131; IL 70057 A 19871030; JP H0152506 B2 19891109; JP S59106575 A 19840620; US 4589989 A 19860520

DOCDB simple family (application)
EP 83109466 A 19830923; AT 83109466 T 19830923; CA 441938 A 19831125; DE 3243983 A 19821127; DE 3369699 T 19830923; IL 7005783 A 19831026; JP 22082383 A 19831125; US 67216484 A 19841116