

Title (en)

Solid detergent composition for improved greasy soil removal.

Title (de)

Festes Waschmittel zur verbesserten Beseitigung von fetthaltigem Schmutz.

Title (fr)

Composition détergente solide pour une meilleure élimination des salissures grasses.

Publication

**EP 0000225 A1 19790110 (EN)**

Application

**EP 78200050 A 19780620**

Priority

- GB 2727577 A 19770629
- GB 2727677 A 19770629

Abstract (en)

Built laundry detergent compositions containing specific mixtures of selected anionic, nonionic and water-soluble cationic surfactants. The compositions are especially effective in removing greasy soil from fabrics.

IPC 1-7

**C11D 1/86**

IPC 8 full level

**C11D 1/62** (2006.01); **C11D 1/72** (2006.01); **C11D 1/86** (2006.01); **C11D 17/00** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01)

CPC (source: EP)

**C11D 1/62** (2013.01); **C11D 1/86** (2013.01); **C11D 1/22** (2013.01); **C11D 1/72** (2013.01)

Citation (search report)

- [X] FR 2236925 A1 19750207 - COLGATE PALMOLIVE CO [US]
- [X] LU 53736 A1 19680221
- FR 2272167 A1 19751219 - BEROL KEMI AB [SE]
- DE 1220956 B 19660714 - HENKEL & CIE GMBH
- DE 2025944 A1 19711209
- FR 2073557 A5 19711001 - GILLETTE CO [US]

Cited by

EP1294410A4; EP0085448A1; US4698167A; EP0842246A4; CN103201366A; GB2303144A; EP0862607A4; DE2938731A1; US4758378A; US4744911A; GB2125814A; EP0051986A3; US7217684B2; WO0248297A1; WO2011151167A1; WO0127231A1; WO0034423A1; US6720298B2; US11466232B2; US6689735B2; US6759380B2; US6395696B2; WO9208837A3; WO2018078603A1; EP0146289B1

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DOCDB simple family (publication)

**EP 0000225 A1 19790110**; AT 400244 B 19951127; AT A469178 A 19861215; AU 3758778 A 19800103; AU 525063 B2 19821021; BR 7804163 A 19790220; CH 643881 A5 19840629; DE 2857163 A1 19800306; DE 2857163 C2 19891214; FR 2423537 A1 19791116; FR 2423537 B1 19811231; GR 63770 B 19791215; IT 1097286 B 19850831; IT 7825093 A0 19780628; JP S5439417 A 19790326; MX 147454 A 19821203; NL 7815015 A 19791031; SE 446460 B 19860915; SE 7907257 L 19790831

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**EP 78200050 A 19780620**; AT 469178 A 19780628; AU 3758778 A 19780629; BR 7804163 A 19780629; CH 290880 A 19780620; DE 2857163 A 19780620; FR 7913432 A 19790525; GR 780156629 A 19780629; IT 2509378 A 19780628; JP 7923378 A 19780629; MX 17399378 A 19780629; NL 7815015 A 19780620; SE 7907257 A 19790831