

Title (en)

Detergent composition comprising soil-release polymers of improved storage stability

Title (de)

Reinigungsmittelzusammensetzung mit schmutzlösenden Polymeren mit verbesserter Lagerstabilität

Title (fr)

Composition de détergent comportant des polymères de libération des saletés de stabilité de stockage améliorée

Publication

**EP 2535401 B1 20170125 (EN)**

Application

**EP 11004982 A 20110617**

Priority

EP 11004982 A 20110617

Abstract (en)

[origin: EP2535401A1] The present invention relates to a detergent composition, in particular a liquid laundry detergent composition, comprising at least one lipase, at least one soil-release polymer comprising ester moieties and at least one compound which stabilizes said at least one soil-release polymer in the presence of said lipase, to a method for stabilizing such a soil-release polymer in detergent composition comprising a lipase and to the use of certain compounds for stabilizing soil-release polymers comprising ester moieties in detergent compositions further comprising at least one lipase.

IPC 8 full level

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CPC (source: EP)

**C11D 3/0036** (2013.01); **C11D 3/046** (2013.01); **C11D 3/3715** (2013.01); **C11D 3/38627** (2013.01)

Citation (opposition)

Opponent : Henkel AG & Co. KGaA

- WO 2011072099 A2 20110616 - DANISCO US INC [US], et al
- WO 9628557 A2 19960919 - PROCTER & GAMBLE [US]
- WO 9516767 A1 19950622 - PROCTER & GAMBLE [US]
- WO 9838276 A1 19980903 - PROCTER & GAMBLE [US]
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- US 4959179 A 19900925 - ARONSON MICHAEL P [US], et al
- US 5496490 A 19960305 - BEAGLE CHARLES A [US], et al

Opponent : The Procter and Gamble Company

- WO 0023548 A1 20000427 - PROCTER & GAMBLE [US], et al
- WO 0022079 A1 20000420 - PROCTER & GAMBLE [US], et al
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