

Title (en)
Compositions for the removal of brightening agents containing silicone oil

Title (de)
Zusammensetzungen zur Entfernung von Silikonöl enthaltenden Avivagen

Title (fr)
Composition pour l'élimination d'agents d'avivage contenant de l'huile silicone

Publication
EP 0636737 B1 19971029 (DE)

Application
EP 94110542 A 19940706

Priority
DE 4324152 A 19930719

Abstract (en)
[origin: US5728179A] A process for removing finishing agents containing silicone oil from textile substrates in an aqueous medium free of halogenated hydrocarbons, wherein the removing agent is a composition containing, as an essential ingredient, a surfactant carrying cationic groups on the surfactant framework structure, and which may also contain acids, non-ionic surfactants, water-soluble non-ionic polymers and solvents (free of halogenated hydrocarbons).

IPC 1-7
D06L 1/04; **D06L 1/06**; **D06L 1/12**

IPC 8 full level
C11D 1/38 (2006.01); **C11D 3/37** (2006.01); **C11D 3/43** (2006.01); **D06L 1/04** (2006.01); **D06L 1/06** (2006.01); **D06L 1/12** (2006.01); **D06L 1/14** (2006.01)

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D06L 1/14 (2013.01 - EP US); **D06M 13/325** (2013.01 - KR); **D06M 13/382** (2013.01 - KR)

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US6989360B2

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AT BE DE DK ES FR GB IE IT NL PT

DOCDB simple family (publication)
US 5728179 A 19980317; AT E159776 T1 19971115; BR 9402850 A 19950404; CA 2128159 A1 19950120; CN 1075140 C 20011121; CN 1108326 A 19950913; CN 1344789 A 20020417; CZ 172994 A3 19950215; CZ 285892 B6 19991117; DE 4324152 A1 19950126; DE 59404456 D1 19971204; DK 0636737 T3 19980720; EP 0636737 A1 19950201; EP 0636737 B1 19971029; ES 2108343 T3 19971216; JP 3075925 B2 20000814; JP H0754264 A 19950228; KR 950003554 A 19950217; PL 178204 B1 20000331; PL 304351 A1 19950123; TW 282502 B 19960801; ZA 945231 B 19950227

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US 56056795 A 19951120; AT 94110542 T 19940706; BR 9402850 A 19940718; CA 2128159 A 19940715; CN 01111891 A 20010322; CN 94108055 A 19940719; CZ 172994 A 19940718; DE 4324152 A 19930719; DE 59404456 T 19940706; DK 94110542 T 19940706; EP 94110542 A 19940706; ES 94110542 T 19940706; JP 18412094 A 19940714; KR 19940017237 A 19940718; PL 30435194 A 19940719; TW 83105227 A 19940609; ZA 945231 A 19940718