

Title (en)

Aqueous emulsions with brighteners

Title (de)

Wässrige Emulsionen mit Aufhellern

Title (fr)

Emulsions aqueuses avec des agents de blanchiment

Publication

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Application

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Priority

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Abstract (en)

Aqueous compositions are disclosed which comprise a hydrophobic brightener, i.e. a brightener whose solubility in water is lower than 5 grams per liter at 25 DEG C, emulsified by a surfactant system comprising at least a hydrophobic surfactant having an HLB up to 9 and a hydrophilic surfactant having an HLB above 10. Preferred emulsions further comprise a bleach and a bleach activator. The compositions herein allow to obtain excellent synthetic fabric whiteness performance.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] WO 9412600 A1 19940609 - PROCTER & GAMBLE [US], et al & EP 0598973 A1 19940601 - PROCTER & GAMBLE [US]
- [DX] EP 0598170 A1 19940525 - PROCTER & GAMBLE [US]

Cited by

EP2899259A1; WO2015112342A1; US2016168780A1; US5902354A; US5916865A; WO2013039963A1; WO9927059A1; WO2006013033A1; EP2295531A1; WO2011031712A2; WO2011109319A1; WO2021076683A1; WO2011127102A1; EP2865741A1; WO2015065805A1; EP2865742A1; WO2015065809A1; EP3109306A1; EP2399978A1; WO2011163371A1; US8895493B2; US9550962B2; EP2365051A1; WO2011112886A1; EP3184619A1; WO2017112384A1; EP2365053A1; WO2011112910A1; EP2399979A1; EP2399980A1; WO2011163112A1; WO2011163428A1; US8889610B2; EP3969553B1

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