

Title (en)
Storage-stable formulation of mixtures of optical brighteners

Title (de)
Lagerstabile Formulierung von optischen Aufhellermischungen

Title (fr)
Formulation stable au stockage de mélanges d'azurants optiques

Publication
EP 0542677 B1 19960313 (DE)

Application
EP 92810830 A 19921028

Priority
CH 324591 A 19911107

Abstract (en)
[origin: EP0542677A1] Storage-stable formulations of mixtures of optical brighteners containing at least two anionic optical brighteners, which preferably contain at least one sulphononic acid radical; an anionic polysaccharide; dispersants and water and optionally also auxiliaries. These formulations are particularly suitable for the production of liquid detergents.

IPC 1-7
D06L 3/12; **C09B 67/26**; **C09B 67/46**

IPC 8 full level
C07D 251/54 (2006.01); **C07C 309/32** (2006.01); **C07C 309/39** (2006.01); **C09B 67/46** (2006.01); **C11D 3/42** (2006.01); **D06L 3/12** (2006.01); **D06L 4/621** (2017.01); **D06L 4/664** (2017.01)

CPC (source: EP KR US)
C11D 3/395 (2013.01 - KR); **C11D 3/42** (2013.01 - EP US); **D06L 4/621** (2016.12 - EP US); **D06L 4/664** (2016.12 - EP US)

Citation (examination)
EP 0033913 A2 19810819 - HOECHST AG [DE]

Cited by
EP0837124A3; AU2004247892B2; EP0808837A1; US6080208A; EP0604366A1; US5429767A; US7863236B2; WO9927059A1; WO2004085594A1; WO2004111330A1

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AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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