

Title (en)

Washing and softening compositions containing nonionic brightener.

Title (de)

Wasch- und Weichmittelzusammensetzungen, die nicht-ionische Aufheller enthalten.

Title (fr)

Compositions nettoyantes et adoucissantes contenant des azurants non-ioniques.

Publication

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Application

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Priority

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- US 356779 A 19790115

Abstract (en)

Textile softening detergent compositions comprise a nonionic detergent, a cationic textile softener, builders and a nonionic-type optical brightener, selected from benzoxazole, coumarin, bis(benzimidazolyl) furan and bis(sulphonamidostyryl)biphenyl types. Preferred compositions also contain a discolouration inhibitor, and are made by spraying a mixture of the nonionic detergent and cationic softener on to spray dried granules comprising at least part of the builders.

IPC 1-7

C11D 1/835; **C11D 3/42**

IPC 8 full level

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Citation (search report)

- DE 1922047 B2 19770804
- FR 1583335 A 19691024
- DE 2000231 A1 19700716 - UNILEVER NV
- US 3689424 A 19720905 - BERG MARKUS, et al
- DE 2308072 A1 19740822 - HENKEL & CIE GMBH
- DE 2021678 A1 19711125 - HENKEL & CIE GMBH

Cited by

GB2217340A; US4460485A; EP0026013A1; GB2125814A; US5122304A; EP0021752A1; WO9915608A1; WO2015112340A1; WO2008087497A1; WO2015112341A1; WO2015112339A1; US9856439B2; US10435651B2; US10655091B2; EP0044996B1; US10526566B2; US11198838B2; US11946025B2

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