

Title (en)

Detergent additive with a high nonionic surfactant content and good dissolution properties

Title (de)

Waschmittelzusatz mit hohem Gehalt an nichtionischen Tensiden und schnellem Auflösungsvermögen

Title (fr)

Additif pour detergents a teneur elevee en tensioactifs non ioniques et solubilite rapide

Publication

EP 1347037 A1 20030924 (DE)

Application

EP 03006115 A 20030318

Priority

DE 10212169 A 20020319

Abstract (en)

A granular detergent additive free of dispersing aids or structure-formers such as soaps contains (A) a solid silicate carrier; (B) nonionic surfactant(s) (more than 30 wt.%); and (C) an anionic surfactant. Independent claims are also included for: (i) production of the additive by loading the carrier (A) with a mixture of (B) and (C) during agglomeration in an intensive mixer; and (ii) use of an anionic surfactant (C) in acid (i.e. protonated) form in improving the solubility of a granular additive containing (A) and (B).

Abstract (de)

Beschrieben wird ein Waschmittelzusatz in Granulatform, der mindestens einen festen silicatischen Träger, mehr als etwa 30 Gew.-% nichtionische(s) Tensid(e) und mindestens ein anionisches Tensid enthält, wobei der Waschmittelzusatz keine Dispergierhilfsmittel oder Strukturbildner, wie Seife, enthält.

IPC 1-7

C11D 1/83; **C11D 3/12**; **C11D 17/00**; **C11D 11/00**

IPC 8 full level

C11D 1/83 (2006.01); **C11D 3/12** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 1/29** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)

C11D 1/83 (2013.01); **C11D 3/124** (2013.01); **C11D 3/126** (2013.01); **C11D 3/1273** (2013.01); **C11D 3/128** (2013.01); **C11D 11/0088** (2013.01); **C11D 17/0034** (2013.01); **C11D 1/143** (2013.01); **C11D 1/146** (2013.01); **C11D 1/22** (2013.01); **C11D 1/29** (2013.01); **C11D 1/72** (2013.01)

Citation (applicant)

DE 19822942 A1 19991125 - HENKEL KGAA [DE]

Citation (search report)

- [X] WO 9703165 A1 19970130 - HENKEL KGAA [DE], et al
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DOCDB simple family (application)

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