

Title (en)

POLYMER AGENTS WHICH IMPROVE PRIMARY WASHING POWER

Title (de)

DIE PRIMÄRWASCHKRAFT VERBESSERENDE KOMBINATION POLYMERER WIRKSTOFFE

Title (fr)

SUBSTANCES ACTIFS DE COMBINAISON DE POLYMÈRES AMELIORANT LE POUVOIR DÉTERGENT PRIMAIRE

Publication

EP 3617297 A1 20200304 (DE)

Application

EP 18190888 A 20180827

Priority

EP 18190888 A 20180827

Abstract (de)

Die Reinigungsleistung von Waschmitteln sollte verbessert werden. Dies gelang im Wesentlichen durch den Einsatz von Kombinationen aus polyalkoxyliertem Amin, Alkohol-Polyalkoxylat und/oder polyalkoxyliertem Polyalkylenimin.

IPC 8 full level

C11D 1/00 (2006.01); **C11D 1/44** (2006.01); **C11D 1/72** (2006.01); **C11D 1/835** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)

C11D 1/008 (2013.01); **C11D 1/44** (2013.01); **C11D 1/72** (2013.01); **C11D 1/835** (2013.01); **C11D 3/3723** (2013.01)

Citation (applicant)

- WO 2014154508 A1 20141002 - BASF SE [DE], et al
- WO 2017005793 A1 20170112 - BASF SE [DE]

Citation (search report)

- [X] US 2016340619 A1 20161124 - SCHEIBEL JEFFREY JOHN [US], et al
- [Y] DE 102011089948 A1 20130627 - HENKEL AG & CO KGAA [DE]
- [Y] GB 776661 A 19570612 - WYANDOTTE CHEMICAL CORP
- [Y] US 5230835 A 19930727 - DEGUCHI KATSUHIKO [JP], et al
- [Y] US 3868336 A 19750225 - MAZZOLA LOUIS R, et al
- [Y] US 3067144 A 19621204 - MICHACLS EDWIN B

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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