

Title (en)

USE OF AN ETHYLENE OXIDE-PROPYLENE OXIDE-ETHYLENE OXIDE (EO/PO/EO) TRIBLOCK COPOLYMER IN A WATER-SOLUBLE UNIT DOSE ARTICLE FOR IMPROVING THE STRENGTH AND MINIMIZING THE SWELLING THEREOF

Title (de)

VERWENDUNG EINES ETHYLENOXID-PROPYLENOXID-ETHYLENOXID-(EO/PO/EO)-TRIBLOCKCOPOLYMERS IN EINEM WASSERLÖSLICHEN EINHEITSDOSISARTIKEL ZUR VERBESSERUNG DER FESTIGKEIT UND MINIMIERUNG DER QUELLUNG DESSELBEN

Title (fr)

UTILISATION D'UN COPOLYMÈRE TRIBLOC D'OXYDE D'ÉTHYLÈNE-OXYDE DE PROPYLÈNE-OXYDE D'ÉTHYLÈNE (EO/PO/EO) DANS UN ARTICLE À DOSE UNITAIRE SOLUBLE DANS L'EAU POUR EN AMÉLIORER LA RÉSISTANCE ET MINIMISER SON GONFLEMENT

Publication

**EP 3591028 A1 20200108 (EN)**

Application

**EP 19179681 A 20190612**

Priority

EP 18180999 A 20180629

Abstract (en)

Use of an ethylene oxide-propylene oxide-ethylene oxide (EO/PO/EO) triblock copolymer in said water-soluble unit dose articles.

IPC 8 full level

**C11D 1/722** (2006.01); **C11D 3/37** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP)

**C11D 1/722** (2013.01); **C11D 3/3707** (2013.01); **C11D 17/042** (2013.01); **C11D 17/043** (2013.01)

Citation (search report)

- [A] WO 2016022786 A1 20160211 - PROCTER & GAMBLE [US]
- [A] WO 2010025092 A2 20100304 - DIRTY LAUNDRY LLC [US], et al
- [A] WO 0185892 A1 20011115 - PROCTER & GAMBLE [US]
- [A] WO 2015164515 A1 20151029 - SUN PRODUCTS CORP [US]

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EP3898917A4

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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**EP 3591028 A1 20200108**; **EP 3591028 B1 20210428**; CA 3102285 A1 20200102; CA 3102285 C 20230228; WO 2020006055 A1 20200102

DOCDB simple family (application)

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