

Title (en)

DISHWASHER DETERGENTS COMPRISING SURFACTANTS ON MAGNESIUM CARBONATE CARRIER

Title (de)

GESCHIRRSPÜLMITTEL MIT TENSIDEN AUF EINEM MAGNESIUMCARBONATTRÄGER

Title (fr)

DÉTERGENTS POUR LAVE-VAISSELLE COMPRENANT DES TENSIOACTIFS SUR UN SUPPORT DE CARBONATE DE MAGNÉSIUM

Publication

**EP 4067468 A1 20221005 (EN)**

Application

**EP 21166655 A 20210401**

Priority

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Abstract (en)

The invention concerns dishwasher detergents comprising Z1) one or more surfactants on magnesium carbonate carrier; Z2) one or more enzymes; and optionally Z3) one or more glass corrosion inhibitors. These dishwasher detergents display in particular an advantageous rinse performance and an advantageous drying performance.

IPC 8 full level

**C11D 17/00** (2006.01); **C11D 1/72** (2006.01); **C11D 3/00** (2006.01); **C11D 3/386** (2006.01)

CPC (source: EP)

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Citation (applicant)

- US 4303542 A 19811201 - HEINLEIN KARL H, et al
- EP 3517502 A1 20190731 - OMYA INT AG [CH]
- US 2010160204 A1 20100624 - ZIPFEL JOHANNES [DE], et al
- EP 1757676 A1 20070228 - PROCTER & GAMBLE [US]
- IVANOVKELLER: "Disruptive carrier acts as sequestrant by enhancing performance and sustainability profile in ADW", SEPAWA CONFERENCE, 28 October 2020 (2020-10-28)
- GANE, P.A.C.KETTLE, J.P.MATTHEWS, G.P.RIDGWAY, C.J.: "Void Space Structure of Compressible Polymer Spheres and Consolidated Calcium Carbonate Paper-Coating Formulations", INDUSTRIAL AND ENGINEERING CHEMISTRY RESEARCH, vol. 35, no. 5, 1996, pages 1753 - 1764

Citation (search report)

- [YD] EP 3517502 A1 20190731 - OMYA INT AG [CH]
- [YD] US 2010160204 A1 20100624 - ZIPFEL JOHANNES [DE], et al
- [E] WO 2021078807 A1 20210429 - CLARIANT INT LTD [CH]

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