

Title (en)

DISPERSANT SYSTEM FOR AUTOMATIC DISH WASHING FORMULATIONS

Title (de)

DISPERGIERMITTELSYSTEM FÜR MASCHINELLE GESCHIRRSPÜLMITTEL

Title (fr)

SYSTÈME DISPERSANT POUR FORMULATIONS DE LAVE-VAISSELLE

Publication

EP 3601511 B1 20210106 (EN)

Application

EP 18712491 A 20180319

Priority

- EP 17290049 A 20170330
- US 2018023089 W 20180319

Abstract (en)

[origin: WO2018183010A1] An automatic dishwashing composition is provided, comprising: a dispersant polymer blend, comprising an acrylic acid homopolymer; and a copolymer of acrylic acid and a sulfonated monomer; wherein the dispersant polymer blend has a blend ratio of the acrylic acid homopolymer to the copolymer of 3:1 to 1:3; a surfactant; a builder; and optionally, an additive.

IPC 8 full level

C11D 1/72 (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)

C11D 1/721 (2013.01); **C11D 3/3757** (2013.01); **C11D 3/378** (2013.01)

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

DOCDB simple family (publication)

WO 2018183010 A1 20181004; AU 2018245984 A1 20191114; AU 2018245984 B2 20221124; BR 112019018379 A2 20200407;
BR 112019018379 B1 20230131; CN 110382678 A 20191025; CN 110382678 B 20210618; EP 3601511 A1 20200205;
EP 3601511 B1 20210106; JP 2020515664 A 20200528; JP 7162002 B2 20221027; PL 3601511 T3 20210614

DOCDB simple family (application)

US 2018023089 W 20180319; AU 2018245984 A 20180319; BR 112019018379 A 20180319; CN 201880017116 A 20180319;
EP 18712491 A 20180319; JP 2019548457 A 20180319; PL 18712491 T 20180319