

Title (en)

LIQUID COMPOSITION FOR APPLICATIONS OF SMC-MOULDED THERMOPLASTIC COMPOSITES

Title (de)

FLÜSSIGE ZUSAMMENSETZUNG FÜR DIE VERWENDUNG VON SMC-GEFORMTEN THERMOPLASTISCHEN VERBUNDSTOFFEN

Title (fr)

COMPOSITION LIQUIDE ADAPTEE A DES APPLICATIONS DE COMPOSITES THERMOPLASTIQUES MOULEES A BASE DE SMC

Publication

EP 3713976 A1 20200930 (FR)

Application

EP 18816208 A 20181121

Priority

- FR 1761024 A 20171121
- FR 2018052943 W 20181121

Abstract (en)

[origin: CA3082482A1] The invention relates to a liquid composition comprising: a) a (meth)acrylic polymer, b) a (meth)acrylic monomer, and c) a setting agent selected from a metal oxide or a metal hydroxide, said (meth)acrylic polymer comprising a monomer carrying a carboxylic acid function and/or said (meth)acrylic monomer carrying a carboxylic acid function, and said liquid composition having a dynamic viscosity of between 10 mPa.s and 10000 mPa.s at 25°C.

IPC 8 full level

C08F 265/06 (2006.01); **C08J 5/24** (2006.01); **C08K 3/22** (2006.01); **C08L 33/12** (2006.01)

CPC (source: EP KR US)

C08F 220/14 (2013.01 - KR); **C08F 265/06** (2013.01 - EP KR US); **C08J 3/20** (2013.01 - EP KR); **C08J 5/04** (2013.01 - EP KR); **C08J 5/243** (2021.05 - EP KR US); **C08J 5/244** (2021.05 - EP KR US); **C08J 5/249** (2021.05 - EP KR US); **C08K 3/22** (2013.01 - US); **C08K 3/26** (2013.01 - KR US); **C08K 3/36** (2013.01 - KR); **C08L 33/12** (2013.01 - KR); **C08J 2333/12** (2013.01 - EP KR US); **C08K 3/22** (2013.01 - EP); **C08K 3/36** (2013.01 - US); **C08K 2003/222** (2013.01 - EP KR US); **C08K 2003/227** (2013.01 - KR US); **C08K 2003/2241** (2013.01 - KR US); **C08K 2003/265** (2013.01 - KR US)

C-Set (source: EP)

1. **C08K 3/22** + **C08L 33/12**
2. **C08F 265/06** + **C08F 220/14**

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)

FR 3073855 A1 20190524; **FR 3073855 B1 20201218**; BR 112020009810 A2 20201103; CA 3082482 A1 20190531; CN 111587265 A 20200825; CN 111587265 B 20231222; EP 3713976 A1 20200930; JP 2021504506 A 20210215; JP 2024038050 A 20240319; KR 20200079329 A 20200702; MX 2020004964 A 20200827; US 11807703 B2 20231107; US 2020317843 A1 20201008; US 2024076433 A1 20240307; WO 2019102145 A1 20190531

DOCDB simple family (application)

FR 1761024 A 20171121; BR 112020009810 A 20181121; CA 3082482 A 20181121; CN 201880087081 A 20181121; EP 18816208 A 20181121; FR 2018052943 W 20181121; JP 2020527922 A 20181121; JP 2023216961 A 20231222; KR 20207016980 A 20181121; MX 2020004964 A 20181121; US 201816765490 A 20181121; US 202318498839 A 20231031