

Title (en)

ACID COMPOSITION FOR THE TREATMENT OF FATTY ACIDS

Title (de)

SÄUREZUSAMMENSETZUNG ZUR BEHANDLUNG VON FETTSÄUREN

Title (fr)

COMPOSITION ACIDE POUR LE TRAITEMENT D'ACIDES GRAS

Publication

EP 3544731 A1 20191002 (FR)

Application

EP 17816907 A 20171120

Priority

- FR 1661483 A 20161125
- SG 10201609943Q A 20161125
- FR 2017053174 W 20171120

Abstract (en)

[origin: WO2018096249A1] The invention relates to a composition comprising: at least one alkanesulfonic acid of formula R-SO₃H, in which R is a linear or branched saturated hydrocarbon chain of 1 to 4 carbon atoms, optionally substituted with at least one halogen atom, at least one aryl sulfonic acid, and, optionally, at least one solvent, the proportions thereof being as defined in the description. The invention also relates to the use of the composition in a method for esterifying fatty acids.

IPC 8 full level

B01J 31/02 (2006.01); **C07C 67/03** (2006.01); **C07C 67/08** (2006.01); **C07C 69/52** (2006.01); **C11C 3/00** (2006.01); **C11C 3/10** (2006.01)

CPC (source: EP KR US)

B01J 31/0225 (2013.01 - EP KR US); **C07C 67/03** (2013.01 - EP KR); **C07C 67/08** (2013.01 - EP KR); **C07C 69/52** (2013.01 - KR); **C11C 3/003** (2013.01 - EP KR US); **B01J 2231/49** (2013.01 - EP KR US); **Y02E 50/10** (2013.01 - EP)

Citation (search report)

See references of WO 2018096249A1

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)

WO 2018096249 A1 20180531; BR 112019009474 A2 20190730; BR 112019009474 B1 20221220; CN 109982776 A 20190705; EP 3544731 A1 20191002; KR 102289779 B1 20210812; KR 20190085541 A 20190718; MY 192473 A 20220823; PH 12019501046 A1 20191216; US 10780433 B2 20200922; US 2019329229 A1 20191031

DOCDB simple family (application)

FR 2017053174 W 20171120; BR 112019009474 A 20171120; CN 201780072990 A 20171120; EP 17816907 A 20171120; KR 20197017954 A 20171120; MY PI2019002862 A 20171120; PH 12019501046 A 20190510; US 201716463548 A 20171120