

Title (en)
PROCESS FOR PREPARING POLYGLYCEROL ESTER OF FATTY ACIDS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON POLYGLYCEROLFETTSÄUREESTER

Title (fr)
PROCÉDÉ DE PRÉPARATION D'UN ESTER D'ACIDE GRAS DE POLYGLYCÉROL

Publication
EP 3894385 A1 20211020 (DE)

Application
EP 18839668 A 20181211

Priority
DE 2018000363 W 20181211

Abstract (en)
[origin: WO2020119839A1] Presented is a process for providing polyglycerol ester of fatty acids from a reaction mixture to which a metal catalyst is added, as well as a method for purifying an intermediate synthesis product containing excess fatty acid in addition to polyglycerol ester of fatty acids. Compared to the prior art, a significantly higher yield and a higher process rate are obtained while the feedstock, adjuvants, solvents and energy are used more economically.

IPC 8 full level
C07C 67/08 (2006.01); **C07C 67/60** (2006.01); **C07C 69/33** (2006.01)

CPC (source: EP US)
B01J 31/12 (2013.01 - US); **C07C 67/08** (2013.01 - EP US); **C07C 67/60** (2013.01 - EP US)

C-Set (source: EP)
1. **C07C 67/60 + C07C 69/33**
2. **C07C 67/08 + C07C 69/33**

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 2020119839 A1 20200618; BR 112020015358 A2 20201208; CN 111670175 A 20200915; CN 111670175 B 20240625; EP 3894385 A1 20211020; JP 2022520292 A 20220330; JP 7320517 B2 20230803; US 11414370 B2 20220816; US 2021292269 A1 20210923

DOCDB simple family (application)
DE 2018000363 W 20181211; BR 112020015358 A 20181211; CN 201880088091 A 20181211; EP 18839668 A 20181211; JP 2020541960 A 20181211; US 201816965426 A 20181211