

Title (en)

AMIDE AND NITRILE COMPOUNDS AND METHODS OF PRODUCING AND USING THEREOF

Title (de)

AMID- UND NITRILVERBINDUNGEN UND VERFAHREN ZUR HERSTELLUNG UND VERWENDUNG DAVON

Title (fr)

COMPOSÉS AMIDE ET NITRILE ET PROCÉDÉS DE PRODUCTION ET D'UTILISATION DE CEUX-CI

Publication

EP 3679011 A4 20210414 (EN)

Application

EP 18853631 A 20180907

Priority

- US 201762556355 P 20170909
- US 201862690783 P 20180627
- US 2018049890 W 20180907

Abstract (en)

[origin: WO2019051184A1] Provided herein are acrylamide and acrylonitrile compounds and other compounds that may be produced from hydroxy amides and/or lactones. Provided herein are methods and systems to produce such compounds.

IPC 8 full level

C07C 233/02 (2006.01); **C07C 231/02** (2006.01); **C07C 231/12** (2006.01); **C07C 235/02** (2006.01); **C07C 253/20** (2006.01); **C07C 255/08** (2006.01); **C07D 305/12** (2006.01)

CPC (source: EP KR)

C07C 231/02 (2013.01 - EP KR); **C07C 231/12** (2013.01 - EP KR); **C07C 235/06** (2013.01 - KR); **C07C 253/20** (2013.01 - EP KR); **C07C 255/08** (2013.01 - KR); **C07D 305/12** (2013.01 - EP KR)

Citation (search report)

- [XY] US 2375005 A 19450501 - KUNG FREDERICK E
- [XY] US 2508279 A 19500516 - MYRL LICHTENWALTER, et al
- [XY] GRESHAM T L ET AL: "BETA-PROPIOLACTONE. XI. REACTIONS WITH AMMONIA AND AMINES", JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, AMERICAN CHEMICAL SOCIETY, US, vol. 73, 1951, pages 3168 - 3171, XP001181464, ISSN: 0002-7863, DOI: 10.1021/JA01151A050
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- See references of WO 2019051184A1

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 2019051184 A1 20190314; CN 111094237 A 20200501; EP 3679011 A1 20200715; EP 3679011 A4 20210414; JP 2020533309 A 20201119; JP 2022130492 A 20220906; JP 7095911 B2 20220705; KR 102529865 B1 20230509; KR 20200040894 A 20200420; TW 201920077 A 20190601

DOCDB simple family (application)

US 2018049890 W 20180907; CN 201880057957 A 20180907; EP 18853631 A 20180907; JP 2020513756 A 20180907; JP 2022097077 A 20220616; KR 20207009771 A 20180907; TW 107131599 A 20180907