

Title (en)

EVAPORATION SYSTEM COMPRISING A SERIES OF EVAPORATORS FOR TREATING AN AMMOXIDATION PROCESS STREAM

Title (de)

VERDAMPFUNGSSYSTEM MIT EINER REIHE VON VERDAMPFERN ZUR BEHANDLUNG EINES AMMONOXIDATIONPROZESSSTROMS

Title (fr)

SYSTÈME D'ÉVAPORATION COMPRENANT UNE SÉRIE D'ÉVAPORATEURS POUR TRAITER UN FLUX DE PROCESSUS D'AMMOXYDATION

Publication

**EP 3200887 A1 20170809 (EN)**

Application

**EP 15766283 A 20150901**

Priority

- CN 201410511193 A 20140929
- US 2015047907 W 20150901

Abstract (en)

[origin: WO2016053551A1] A process and system for removing heavy organic impurities from a process stream includes providing a process stream having water and about 0.5 to about 1.5 weight percent heavy organic impurities. The process includes separating water from the heavy organic impurities in an evaporator system having one or more evaporation stages to provide an aqueous condensate and a liquid residue. The aqueous condensate has about 0.1 weight percent or less heavy organic impurities and the liquid residue has about 3 to about 10 weight percent heavy organic impurities.

IPC 8 full level

**B01D 1/00** (2006.01)

CPC (source: EP KR)

**B01D 1/0088** (2013.01 - EP KR); **B01D 1/30** (2013.01 - KR)

Citation (search report)

See references of WO 2016053551A1

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**WO 2016053551 A1 20160407**; CN 105521615 A 20160427; CN 112587950 A 20210402; EP 3200887 A1 20170809; EP 3300784 A1 20180404; JP 2017530133 A 20171012; JP 2020111605 A 20200727; JP 7098324 B2 20220711; JP 7116118 B2 20220809; KR 102466815 B1 20221111; KR 102466816 B1 20221111; KR 20170065525 A 20170613; KR 20220078720 A 20220610; RU 2017114572 A 20181109; RU 2017114572 A3 20190301; RU 2019116821 A 20190628; RU 2696386 C2 20190801; TW 201618838 A 20160601; TW I698271 B 20200711

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