

Title (en)

METHOD OF RECOVERING CARBOXYLIC ACIDS FROM DILUTE AQUEOUS STREAMS

Title (de)

VERFAHREN ZUR RÜCKGEWINNUNG VON CARBOXYLSÄUREN AUS VERDÜNNTEN WÄSSRIGEN STRÖMEN

Title (fr)

PROCÉDÉ DE RÉCUPÉRATION D'ACIDES CARBOXYLIQUES À PARTIR DE FLUX AQUEUX DILUÉS

Publication

EP 3122714 A4 20171101 (EN)

Application

EP 14887479 A 20141117

Priority

- US 201414222967 A 20140324
- US 2014065887 W 20141117

Abstract (en)

[origin: WO2015147918A1] Improvement in separating lower carboxylic acids from aqueous streams via liquid-liquid extraction with pressurized liquefied propylene and/or propane, wherein carboxylic acid is transferred from the aqueous phase into the liquid solvent phase (extract). The extracted carboxylic acids are recovered as a liquid concentrate by evaporating off the propylene and/or propane solvent from the extract at mild temperatures.

IPC 8 full level

C07C 45/80 (2006.01); **C07C 47/06** (2006.01); **C07C 47/21** (2006.01); **C07C 47/22** (2006.01); **C07C 51/48** (2006.01); **C07C 53/08** (2006.01); **C07C 53/122** (2006.01); **C07C 53/124** (2006.01); **C07C 57/04** (2006.01)

CPC (source: EP)

C07C 45/80 (2013.01); **C07C 51/48** (2013.01)

Citation (search report)

- [XD] CA 2282492 A1 19980917 - BASF AG [DE]
- See references of WO 2015147918A1

Designated contracting state (EPC)

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DOCDB simple family (application)

US 2014065887 W 20141117; CN 201480077468 A 20141117; EP 14887479 A 20141117; SG 11201607867P A 20141117