

Title (en)  
METHODS FOR PRODUCING FREE FLOWING DICARBOXYLIC ACID CRYSTALLINE CROPS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON RIESELFÄHIGEN DICARBONSÄURE-KRISTALLISATEN

Title (fr)  
PROCEDES DE PRODUCTION DE CRISTAUX D'ACIDE DICARBOXYLIQUE COULANTS

Publication  
**EP 2970082 A1 20160120 (DE)**

Application  
**EP 14710549 A 20140314**

Priority

- EP 13159503 A 20130315
- US 201361786953 P 20130315
- EP 13160355 A 20130321
- EP 2014055103 W 20140314
- EP 14710549 A 20140314

Abstract (en)  
[origin: WO2014140276A1] The invention relates to methods for producing free flowing dicarboxylic acid crystalline crops from an aqueous solution or suspension of the dicarboxylic acid in a crystallizer.

IPC 8 full level  
**C07C 51/43** (2006.01); **B01F 27/91** (2022.01); **C07C 55/10** (2006.01); **C07C 55/14** (2006.01); **C07C 63/26** (2006.01)

CPC (source: EP US)  
**B01D 9/0004** (2013.01 - EP US); **B01D 9/0018** (2013.01 - EP US); **B01D 9/0022** (2013.01 - EP US); **B01F 27/808** (2022.01 - EP US); **B01F 27/86** (2022.01 - EP US); **B01F 27/861** (2022.01 - EP US); **B01F 27/91** (2022.01 - EP US); **B01F 35/712** (2022.01 - EP US); **B01J 19/006** (2013.01 - EP US); **B01J 19/0066** (2013.01 - EP US); **B01J 19/1875** (2013.01 - EP US); **C07C 51/43** (2013.01 - EP US); **B01F 2215/0422** (2013.01 - EP US); **B01F 2215/0431** (2013.01 - EP US); **B01J 2219/00182** (2013.01 - EP US); **B01J 2219/00189** (2013.01 - EP US); **B01J 2219/00243** (2013.01 - EP US)

Citation (search report)  
See references of WO 2014140276A1

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 2014140276 A1 20140918**; BR 112015023302 A2 20170718; CN 105189435 A 20151223; EP 2970082 A1 20160120; JP 2016516022 A 20160602; KR 20150131355 A 20151124; US 2016023982 A1 20160128

DOCDB simple family (application)  
**EP 2014055103 W 20140314**; BR 112015023302 A 20140314; CN 201480014373 A 20140314; EP 14710549 A 20140314; JP 2015562196 A 20140314; KR 20157029870 A 20140314; US 201414775834 A 20140314