

Title (en)  
PROMOTION OF IMINE FORMATION VIA CATIONIC RESIN CATALYST

Title (de)  
FÖRDERUNG DER IMINBILDUNG ÜBER EINEN KATIONISCHEN HARZKATALYSATOR

Title (fr)  
ACTIVATION DE FORMATION DE L'IMINE AU MOYEN DE CATALYSEUR DE RESINE CATIONIQUE

Publication  
**EP 3142998 A4 20171220 (EN)**

Application  
**EP 15757692 A 20150302**

Priority  

- US 201461947733 P 20140304
- US 201514632265 A 20150226
- US 2015018337 W 20150302

Abstract (en)  
[origin: WO2015134401A1] Methods and systems for purifying a crude aniline. The method can include contacting a crude aniline that can include aniline, water, and cyclohexanone with a cation exchange resin to produce a cyclohexanone-lean product that contains less cyclohexanone than the crude aniline. The cation exchange resin can be a solid, a semi-solid, or a combination thereof.

IPC 8 full level  
**C07C 209/84** (2006.01)

CPC (source: EP)  
**C07C 209/84** (2013.01)

C-Set (source: EP)  
**C07C 209/84 + C07C 211/46**

Citation (search report)  

- [I] JP 2003267934 A 20030925 - MITSUI CHEMICALS INC
- See references of WO 2015134401A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2015134401 A1 20150911**; CN 106458846 A 20170222; EP 3142998 A1 20170322; EP 3142998 A4 20171220

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**US 2015018337 W 20150302**; CN 201580022117 A 20150302; EP 15757692 A 20150302