

Title (en)
METHODS AND APPARATUS FOR TREATING A HYDROCARBON STREAM

Title (de)
VERFAHREN UND VORRICHTUNG ZUR BEARBEITUNG EINES KOHLENWASSERSTOFFSTROMS

Title (fr)
PROCÉDÉS ET APPAREIL DE TRAITEMENT D'UN COURANT D'HYDROCARBURE

Publication
EP 2855407 A1 20150408 (EN)

Application
EP 13797646 A 20130523

Priority
• US 201261653557 P 20120531
• US 201261653596 P 20120531
• US 2013042411 W 20130523

Abstract (en)
[origin: WO2013181062A1] Disclosed is a method and apparatus for treating two or more aromatic feed streams including combining one aromatic feed stream with another aromatic feed stream. The method further includes passing the combined feed stream to a unsaturated aliphatic compound removal zone for removing an unsaturated aliphatic compound therefrom. The method further includes passing the combined aromatic feed stream to a nitrogen removal zone for removing a nitrogen compound therefrom.

IPC 8 full level
C07C 15/00 (2006.01); **B01D 15/18** (2006.01); **C07C 7/00** (2006.01); **C07C 7/12** (2006.01); **C07C 15/073** (2006.01)

CPC (source: EP KR)
B01D 15/08 (2013.01 - KR); **B01D 15/1864** (2013.01 - EP); **C07B 63/00** (2013.01 - KR); **C07C 7/005** (2013.01 - EP);
C07C 7/12 (2013.01 - EP KR); **C07C 7/13** (2013.01 - EP); **C07C 15/00** (2013.01 - KR); **C07C 15/04** (2013.01 - KR)

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 2013181062 A1 20131205; BR 112014014797 A2 20170613; BR 112014014797 A8 20170613; CN 103974923 A 20140806;
EP 2855407 A1 20150408; EP 2855407 A4 20151230; JP 2015519363 A 20150709; JP 6346606 B2 20180620; KR 101728595 B1 20170419;
KR 20140107577 A 20140904; SG 11201402439Q A 20140627; TW 201402544 A 20140116; TW I627163 B 20180621

DOCDB simple family (application)
US 2013042411 W 20130523; BR 112014014797 A 20130523; CN 201380004040 A 20130523; EP 13797646 A 20130523;
JP 2015515075 A 20130523; KR 20147020530 A 20130523; SG 11201402439Q A 20130523; TW 102119436 A 20130531