

Title (en)

METHOD AND APPARATUS FOR RECOVERING PRODUCTS USING ADSORPTION SEPARATION AND FRACTIONATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR RÜCKGEWINNUNG VON PRODUKTEN DURCH ADSORPTIONSABSCHEIDUNG UND FRAKTIONIERUNG

Title (fr)

PROCÉDÉ ET APPAREIL POUR RÉCUPÉRER DES PRODUITS PAR SÉPARATION PAR ADSORPTION ET FRACTIONNEMENT

Publication

EP 2822668 A4 20151111 (EN)

Application

EP 13757447 A 20130227

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- US 201261609250 P 20120309
- US 201261609254 P 20120309
- US 201313775450 A 20130225
- US 201313775460 A 20130225
- US 2013027967 W 20130227

Abstract (en)

[origin: WO2013134021A1] A process and apparatus according to various approaches are provided for separating a component from a feed stream using adsorption separation. The process further includes directing one of the extract stream and the raffinate stream to a high pressure distillation column. In addition, the process includes pumping the one of the extract stream and the raffinate stream to increase the pressure in the stream to flow the one of the extract stream and the raffinate stream into an inlet of the distillation column.

IPC 8 full level

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CPC (source: EP)

B01D 15/1828 (2013.01); **B01D 15/1842** (2013.01); **C07C 7/12** (2013.01); **Y02P 20/582** (2015.11)

Citation (search report)

- [Y] WO 2006096394 A2 20060914 - UOP LLC [US], et al
- [Y] US 2189645 A 19400206 - YOUKER MALCOLM P
- See references of WO 2013134021A1

Designated contracting state (EPC)

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