

Title (en)

ADSORPTIVE SEPARATION PRODUCT RECOVERY BY FRACTIONAL DISTILLATION

Title (de)

GEWINNUNG DES PRODUKTES EINES ADSORPTIONSTRENNVERFAHRENS DURCH FRAKTIONIERTE DISTILLATION

Title (fr)

RECUPERATION DE PRODUIT DE SEPARATION PAR ADSORPTION AU MOYEN DE LA DISTILLATION FRACTIONNEE

Publication

EP 1458662 A1 20040922 (EN)

Application

EP 01992181 A 20011218

Priority

US 0149104 W 20011218

Abstract (en)

[origin: WO03051799A1] Construction and operational costs of recovering the extract or raffinate product of a simulated moving bed adsorptive separation process units are reduced by employing a dividing wall column to perform the separation. The raffinate or extract stream is passed into the column at an intermediate point on the first side of the dividing wall, with the column delivering the adsorptive separation product as a sidedraw from the opposite side of the dividing wall. A stream of co-adsorbed impurity is removed as an overhead stream and desorbent is recovered as a net bottoms stream.

IPC 1-7

C07C 7/12; **C07C 7/04**

IPC 8 full level

B01D 15/00 (2006.01); **C07C 7/04** (2006.01); **C07C 7/12** (2006.01); **C07C 15/06** (2006.01); **C07C 15/08** (2006.01)

CPC (source: EP KR)

B01D 3/141 (2013.01 - EP); **C07B 63/04** (2013.01 - KR); **C07C 7/005** (2013.01 - EP); **C07C 7/04** (2013.01 - EP); **C07C 7/12** (2013.01 - EP KR)

Citation (search report)

See references of WO 03051799A1

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