Title (en)

DISTILLATION INSTALLATION COMPRISING COLUMNS WITH CORRUGATED-CROSSED STRUCTURED PACKINGS AND METHOD OF INCREASING THE CAPACITY OF A DISTILLATION INSTALLATION

Title (de)

TRENNVORRICHTUNG MIT EINER DESTILLATIONSKOLONNE, DIE MIT GEORDNETEN FÜLLKÖRPERN IN KREUZKANALSTRUKTUR AUSGESTATTET IST, UND VERFAHREN ZUR KAPAZITÄTSSTEIGERUNG DER TRENNVORRICHTUNG

Title (fr)

INSTALLATION DE DISTRIBUTION COMPRENANT DES COLONNES A GARNISSAGES STRUCTURES ONDULES-CROISES ET PROCEDE D'AUGMENTATION DE CAPACITE D'UNE INSTALLATION DE DISTILLATION

Publication

EP 1642072 A1 20060405 (FR)

Application

EP 04742618 A 20040430

Priority

- FR 2004001052 W 20040430
- FR 0350150 A 20030509

Abstract (en)

[origin: FR2854579A1] The distillation plant has a column system (1, 3) and a means of feeding a flow (7, 9) to be separated into one of the columns. At least one section (A, D) of a column contains structured linings with modules having a non-modified interface, while other sections (B, C, E, F, G) designed to operate at a rate above a given threshold level of 1.05 : 1 or a load below a threshold level of 400 L/h/dm have structured linings with at least one modified interface. The plant has one medium pressure column (1) and one low pressure column (3), which are thermally linked, with one column optionally operating at an intermediate pressure between the medium and low pressures and having at least one lower section containing a non-modified interface module and at least one upper section containing a modified interface module.

IPC 1-7

F25J 3/04; B01J 19/32; F25J 3/02

IPC 8 full level

B01J 19/32 (2006.01); **F25J 3/02** (2006.01); **F25J 3/04** (2006.01)

CPC (source: EP US)

B01J 19/32 (2013.01 - EP US); **F25J 3/0223** (2013.01 - EP US); **F25J 3/0252** (2013.01 - EP US); **F25J 3/0261** (2013.01 - EP US); **F25J 3/0295** (2013.01 - EP US); **F25J 3/044** (2013.01 - EP US); **F25J 3/04412** (2013.01 - EP US); **F25J 3/04466** (2013.01 - EP US); **F25J 3/04678** (2013.01 - EP US); **F25J 3/04909** (2013.01 - EP US); **F25J 3/04921** (2013.01 - EP US); B01J 2219/32258 (2013.01 - EP US); B01J 2219/32272 (2013.01 - EP US); F25J 2200/06 (2013.01 - EP US); F25J 2200/70 (2013.01 - EP US); F25J 2200/72 (2013.01 - EP US); F25J 2200/76 (2013.01 - EP US); F25J 2200/90 (2013.01 - EP US); F25J 2205/30 (2013.01 - EP US); F25J 2210/18 (2013.01 - US); F25J 2235/50 (2013.01 - EP US); F25J 2270/02 (2013.01 - EP US); F25J 2270/04 (2013.01 - EP US); F25J 2270/24 (2013.01 - EP US)

Citation (search report)

See references of WO 2004102095A1

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