

Title (en)
HYDROTREATMENT OR HYDROCONVERSION METHOD WITH STRIPPER AND LOW-PRESSURE DISENGAGER ON THE FRACTIONATING SECTION

Title (de)
HYDROTREATMENT- ODER HYDROKONVERTIERUNGSVERFAHREN MIT STRIPPER UND NIEDRIGDRUCK-TRENNBEHÄLTER AUF DEM FRAKTIONIERUNGSABSCHNITT

Title (fr)
PROCÉDÉ D'HYDROTRAÎTEMENT OU D'HYDROCONVERSION AVEC STRIPER ET BALLON SÉPARATEUR BASSE PRESSION SUR LA SECTION DE FRACTIONNEMENT

Publication
EP 3184607 A1 20170628 (FR)

Application
EP 16306699 A 20161215

Priority
FR 1563173 A 20151223

Abstract (en)
[origin: US2017183574A1] The invention concerns a facility and a process for hydrotreatment or hydroconversion, in which the fractionation section comprises a stripper which operates on the overhead fraction obtained from a low pressure separator drum.

Abstract (fr)
L'invention concerne une installation et un procédé d'hydrotraitement ou d'hydroconversion dans lequel la section de fractionnement comprend un stripier opéré sur la fraction de tête issu d'un ballon séparateur basse pression.

IPC 8 full level
C10G 45/00 (2006.01); **C10G 47/00** (2006.01); **C10G 49/22** (2006.01)

CPC (source: CN EP RU US)
C10G 5/00 (2013.01 - RU); **C10G 45/00** (2013.01 - EP RU US); **C10G 47/00** (2013.01 - EP US); **C10G 49/22** (2013.01 - EP RU US); **C10G 67/02** (2013.01 - CN EP US); **C10G 2300/1022** (2013.01 - EP US); **C10G 2300/1048** (2013.01 - EP US); **C10G 2300/107** (2013.01 - EP US); **C10G 2300/1074** (2013.01 - EP US); **C10G 2300/1077** (2013.01 - EP US); **C10G 2300/207** (2013.01 - EP US)

Citation (applicant)

- US 3733260 A 19730515 - DAVIES J, et al
- US 3371029 A 19680227 - WEILAND JACK N
- WO 0071641 A1 20001130 - INST FRANCAIS DU PETROLE [FR]
- EP 0911077 A1 19990428 - INST FRANCAIS DU PETROLE [FR]
- US 4738940 A 19880419 - DUFRESNE PIERRE [FR], et al
- US 4738941 A 19880419 - DUFRESNE PIERRE [FR], et al

Citation (search report)

- [I] US 2005035028 A1 20050217 - GALEAZZI RENAUD [FR], et al
- [AD] US 3733260 A 19730515 - DAVIES J, et al

Cited by
EP3502214A1; FR3075941A1; EP3502213A1; FR3075942A1; FR3126423A1; US10767123B2; US10815436B2; WO2022079051A1

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DOCDB simple family (application)
EP 16306699 A 20161215; CN 201611273066 A 20161223; ES 16306699 T 20161215; FR 1563173 A 20151223; RU 2016149662 A 20161219; US 20161538880 A 20161222