Title (en)
PROCESS FOR OPTIMIZING REMOVAL OF CONDENSABLE COMPONENTS FROM A FLUID

Title (de)
VERFAHREN ZUR OPTIMIERUNG DER ENTFERNUNG KONDENSIERBARER BESTANDTEILE AUS EINEM FLUID

Title (fr)
PROCÉDÉ POUR L'OPTIMISATION DE L'ÉLIMINATION DE COMPOSANTS CONDENSABLES D'UN FLUIDE

Publication
EP 2895245 A4 20160615 (EN)

Application
EP 13854823 A 20130917

Priority
- CA 2790182 A 20120917
- CA 2013001094 W 20130917

Abstract (en)
[origin: CA2790182A1] A method for removing condensable components from a fluid containing condensable components. The method involves optimizing the temperature of an initial feed stream including the condensable components through heat exchange and cooling to condense liquids there from. The liquids are removed to form a gas stream which is then compressed and after-cooled to form a high pressure stream. A portion of the high pressure stream is expanded to form a cooled low pressure stream which is mixed with the initial feed stream to augment cooling and condensation of condensable components in the initial feed stream.

IPC 8 full level
B01D 5/00 (2006.01); **B01D 53/00** (2006.01); **B01D 53/44** (2006.01); **B01D 53/52** (2006.01)

CPC (source: EP)
B01D 5/0027 (2013.01); **B01D 5/0039** (2013.01); **B01D 5/0087** (2013.01); **B01D 5/0093** (2013.01); **B01D 53/002** (2013.01); B01D 2251/21 (2013.01); B01D 2252/2021 (2013.01); B01D 2256/24 (2013.01); B01D 2257/302 (2013.01); B01D 2257/304 (2013.01); B01D 2257/404 (2013.01); B01D 2257/504 (2013.01); B01D 2257/7022 (2013.01); B01D 2257/80 (2013.01); B01D 2258/0283 (2013.01); Y02P 70/10 (2015.11)

Citation (search report)
- [Y] CA 2729329 A1 20110120 - MADDOCKS JAMES [CA], et al
- [Y] WO 2010130781 A1 20101118 - SHELL INT RESEARCH [NL], et al
- [A] WO 2006032139 A1 20060330 - TRANSLANG TECHNOLOGIES LTD [CA], et al
- [A] WO 2012114119 A1 20120830 - COSTAIN OIL GAS & PROCESS LTD [GB], et al
- See references of WO 2014075176A1

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

DOCDB simple family (publication)
CA 2790182 A1 20121127; **CA 2790182 C 20140429**; AR 092601 A1 20150429; AU 2013344724 A1 20150402; AU 2013344724 B2 20171214; BR 112015005839 A2 20170704; BR 112015005839 B1 20220329; CN 104812454 A 20150729; EA 201500312 A1 20150831; EP 2895245 A1 20150722; EP 2895245 A4 20160615; JP 2015533636 A 20151126; JP 6357155 B2 20180711; MX 2015003390 A 20150812; MX 371385 B 20200128; MY 169920 A 20190617; SA 515360153 B1 20160609; WO 2014075176 A1 20140522

DOCDB simple family (application)
CA 2790182 A 20120917; AR P130103333 A 20130917; AU 2013344724 A 20130917; BR 112015005839 A 20130917; CA 2013001094 W 20130917; CN 201380048433 A 20130917; EA 201500312 A 20130917; EP 13854823 A 20130917; JP 2015531410 A 20130917; MX 2015003390 A 20130917; MY PI2015700829 A 20130917; SA 515360153 A 20150317