

Title (en)
SYSTEM AND METHOD FOR PRODUCING A HYDROCARBON PRODUCT STREAM FROM A HYDROCARBON WELL STREAM, AND A HYDROCARBON WELL STREAM SEPARATION TANK

Title (de)
SYSTEM UND VERFAHREN ZUR ERZEUGUNG EINES KOHLENWASSERSTOFFPRODUKTSTROMS AUS EINEM KOHLENWASSERSTOFFBOHRLOCHSTROM UND KOHLENWASSERSTOFFBOHRLOCHSTROMABSCHIEDETANK

Title (fr)
SYSTÈME ET PROCÉDÉ POUR PRODUIRE UN COURANT DE PRODUIT D'HYDROCARBURE À PARTIR D'UN COURANT DE PUIITS D'HYDROCARBURE, ET COLONNE DE SÉPARATION POUR COURANT DE PUIITS D'HYDROCARBURE

Publication
EP 2744978 A1 20140625 (EN)

Application
EP 12750583 A 20120817

Priority
• EP 11177958 A 20110818
• EP 2012066064 W 20120817
• EP 12750583 A 20120817

Abstract (en)
[origin: WO2013024147A1] A hydrocarbon well stream separation tank is employed for handling a hydrocarbon well stream. The tank has a lower compartment (102) for separating a liquid of a liquid phase from a vaporous hydrocarbon phase of the hydrocarbon well stream and an inlet (110) for allowing the hydrocarbon well stream to flow from outside of the hydrocarbon well stream separation tank into the lower compartment of the hydrocarbon well stream separation tank. The tank further has an upper compartment (104) located gravitationally above the lower compartment, and an internal passage (106) fluidly connecting the lower compartment and the upper compartment. A filter (108), capable of filtering mercury from the vaporous hydrocarbon phase, is disposed in the upper compartment.

IPC 8 full level
E21B 43/34 (2006.01)

CPC (source: EP KR US)
B01D 53/02 (2013.01 - KR); **B01D 53/62** (2013.01 - KR); **E21B 21/063** (2013.01 - KR); **E21B 43/34** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2013024147A1

Citation (examination)
• US 2006086139 A1 20060427 - EATON ANTHONY P [US], et al
• US 2004250569 A1 20041216 - MAK JOHN [US]
• US 2010287983 A1 20101118 - JOHNKE ANDREW F [US], et al

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)
WO 2013024147 A1 20130221; AP 2014007385 A0 20140131; AU 2012296868 A1 20140130; AU 2012296868 B2 20150827; BR 112014002410 A2 20170314; BR 112014002410 B1 20210223; CN 103748317 A 20140423; CN 103748317 B 20160921; EP 2744978 A1 20140625; KR 101953939 B1 20190304; KR 20140063685 A 20140527

DOCDB simple family (application)
EP 2012066064 W 20120817; AP 2014007385 A 20120817; AU 2012296868 A 20120817; BR 112014002410 A 20120817; CN 201280040164 A 20120817; EP 12750583 A 20120817; KR 20147006526 A 20120817