

Title (en)
METHOD FOR SEPARATING WATER FROM A MIXTURE CONTAINING WATER AND AT LEAST ONE VOLATILE ACIDIC AND/OR BASIC SUBSTANCE

Title (de)
VERFAHREN ZUR ABTRENNUNG VON WASSER AUS EINEM WASSER UND WENIGSTENS EINE FLÜCHTIGE SAURE UND/ODER BASISCHE SUBSTANZ ENTHALTENDEN GEMISCH

Title (fr)
PROCÉDÉ POUR LA SÉPARATION DE L'EAU D'UN MÉLANGE CONTENANT DE L'EAU ET AU MOINS UNE SUBSTANCE VOLATILE ACIDE ET/OU BASIQUE

Publication
EP 3186194 A1 20170705 (DE)

Application
EP 15725246 A 20150511

Priority
• DE 102014217281 A 20140829
• EP 2015060332 W 20150511

Abstract (en)
[origin: WO2016030030A1] Disclosed is a method for separating water from a mixture containing water and at least one volatile acidic substance and/or at least one volatile basic substance by: • converting the at least one volatile acidic substance into the corresponding non-volatile basic substance by means of an acid-base reaction and/or converting the at least one basic substance into the corresponding non-volatile acidic substance (2); • separating the water from the at least one non-volatile acidic substance and/or the at least one non-volatile basic substance (3).

IPC 8 full level
C02F 1/06 (2006.01); **B65B 55/02** (2006.01); **B67C 7/00** (2006.01); **C02F 1/16** (2006.01); **C02F 1/66** (2006.01); **C02F 101/16** (2006.01); **C02F 101/34** (2006.01)

CPC (source: CN EP KR US)
C02F 1/048 (2013.01 - US); **C02F 1/06** (2013.01 - CN EP KR US); **C02F 1/16** (2013.01 - EP KR US); **C02F 1/66** (2013.01 - CN EP KR US); **C02F 1/16** (2013.01 - CN); **C02F 2101/16** (2013.01 - CN EP KR US); **C02F 2101/34** (2013.01 - CN EP KR US); **C02F 2209/001** (2013.01 - CN EP KR US); **C02F 2209/003** (2013.01 - CN EP KR US); **C02F 2209/05** (2013.01 - CN EP KR US); **C02F 2209/06** (2013.01 - CN EP KR US)

Citation (search report)
See references of WO 2016030030A1

Citation (examination)
US 2014157846 A1 20140612 - JEPPSON SAM S [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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
DE 102014217281 A 20140829; CN 201580046061 A 20150511; EP 15725246 A 20150511; EP 2015060332 W 20150511; KR 20177008358 A 20150511; US 201515507022 A 20150511