

Title (en)  
GAS REPLACEMENT METHOD

Title (de)  
GASERSATZVERFAHREN

Title (fr)  
PROCÉDÉ DE REMPLACEMENT DE GAZ

Publication  
**EP 4056886 A4 20230118 (EN)**

Application  
**EP 20902565 A 20200908**

Priority  
• JP 2019229388 A 20191219  
• JP 2020033891 W 20200908

Abstract (en)  
[origin: EP4056886A1] This gas replacement method includes: a step in which an inactive gas having a larger specific gravity than a first gas is supplied to a tank filled with the first gas, and a separation layer resulting from the inactive gas is formed below the first gas; and a step in which a second gas having a larger specific gravity than the inactive gas is supplied to a lower part of the tank, and the first gas and the separation layer are sequentially discharged from an upper part of the tank.

IPC 8 full level  
**F17C 13/00** (2006.01); **B63B 25/12** (2006.01); **B63J 2/08** (2006.01); **F17C 9/00** (2006.01)

CPC (source: EP KR)  
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Citation (search report)  
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• [A] JP 4781032 B2 20110928  
• [A] WO 2018222230 A1 20181206 - EXXONMOBIL UPSTREAM RES CO [US], et al  
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• See also references of WO 2021124621A1

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

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KH MA MD TN

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