

Title (en)
FILLING OF STORAGE CONTAINERS WITH A COMPRESSED MEDIUM

Title (de)
BEFÜLLEN VON SPEICHERBEHÄLTERN MIT EINEM KOMPRIMIERTEN MEDIUM

Title (fr)
REMPLISSAGE DE RÉSERVOIRS DE STOCKAGE PAR UN FLUIDE COMPRIMÉ

Publication
EP 2619497 A1 20130731 (DE)

Application
EP 11757550 A 20110913

Priority
• DE 102010046120 A 20100921
• EP 2011004593 W 20110913

Abstract (en)
[origin: WO2012038039A1] A method and an arrangement are described for filling a second storage container with compressed hydrogen or helium from a first storage container, wherein the first and the second storage container are connected via at least one line, in which at least one valve is arranged. According to the invention, a switching valve (b, b', b'') which is controlled by its own medium or a foreign medium is used as the valve, wherein the set pressure of the switching valve (b, b', b'') is fixed by the maximum permissible operating pressure of the second storage container (B, B', B'').

IPC 8 full level
F17C 5/00 (2006.01); **F17C 7/02** (2006.01)

CPC (source: EP US)
F17C 5/007 (2013.01 - US); **F17C 5/06** (2013.01 - EP US); **F17C 7/00** (2013.01 - EP US); **F17C 2221/012** (2013.01 - EP US); **F17C 2221/017** (2013.01 - EP US); **F17C 2265/063** (2013.01 - EP US); **Y02E 60/32** (2013.01 - EP US)

Citation (search report)
See references of WO 2012038039A1

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)
DE 102010046120 A1 20120322; EP 2619497 A1 20130731; JP 2013537964 A 20131007; JP 5826276 B2 20151202; US 2014174592 A1 20140626; WO 2012038039 A1 20120329

DOCDB simple family (application)
DE 102010046120 A 20100921; EP 11757550 A 20110913; EP 2011004593 W 20110913; JP 2013529570 A 20110913; US 201113821463 A 20110913