

Title (en)  
AUTOMATIC GAS CYLINDER FILLING FACILITY

Title (de)  
AUTOMATISCHE GASZYLINDERFÜLLANLAGE

Title (fr)  
INSTALLATION DE REMPLISSAGE AUTOMATIQUE DE BOUTEILLE DE GAZ

Publication  
**EP 3403019 B1 20220504 (EN)**

Application  
**EP 16788418 A 20161018**

Priority  
• DK PA201570676 A 20151019  
• DK 2016050333 W 20161018

Abstract (en)  
[origin: WO2017067556A1] The invention concerns a method for filling gas on gas cylinders with pressures greater than 50 bar in an automatic gas cylinder filling facility, the method including at least the following steps: a gas cylinder is placed in a filler carousel, the gas cylinder is positioned by means of a geometric positioning system, a filler adapter is fitted, and the gas cylinder is filled, whereby it is achieved that the filling can be effected fully automatically without an operator, thereby eliminating ergonomic problems and safety issues by having any persons close to the gas filling of cylinder with pressures up to e.g. 300 bar.

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

CPC (source: EP)  
**F17C 5/005** (2013.01); **F17C 2223/0123** (2013.01); **F17C 2223/036** (2013.01); **F17C 2227/047** (2013.01); **F17C 2250/0421** (2013.01); **F17C 2250/043** (2013.01); **F17C 2250/0443** (2013.01); **F17C 2250/0478** (2013.01); **F17C 2270/02** (2013.01)

Citation (examination)  
US 2008202629 A1 20080828 - MICHEL FRIEDEL [DE], et al

Cited by  
EP3868523A1; WO2021165413A1

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 2017067556 A1 20170427**; EP 3403019 A1 20181121; EP 3403019 B1 20220504

DOCDB simple family (application)  
**DK 2016050333 W 20161018**; EP 16788418 A 20161018