

Title (en)  
DUAL-PHASE OR COMPLEX-PHASE GAS CYLINDER

Title (de)  
DOPPELPHASEN- ODER KOMPLEXPHASEN-GASZYLINDER

Title (fr)  
BOUEILLE DE GAZ DUAL-PHASE OU COMPLEX-PHASE

Publication  
**EP 2483591 A1 20120808 (FR)**

Application  
**EP 10773126 A 20100928**

Priority  
• FR 0956839 A 20091001  
• FR 2010052033 W 20100928

Abstract (en)  
[origin: WO2011039463A1] The invention relates to a gas cylinder (1) made of dual-phase or complex-phase steel, including two half-shells (2A, 2B) assembled together by welding, the half-shell that forms the top portion of said cylinder (1) being provided, substantially at the top thereof and by means of welding, with a flange (6) for receiving a gas-dispensing nozzle. The invention is characterised in that said half-shell (2A) forming the top portion of the cylinder (1) comprises at least one deformation (7) in the form of at least one boss or at least one groove encircling the flange (6) for receiving the gas-dispensing nozzle.

IPC 8 full level  
**F17C 1/14** (2006.01)

CPC (source: EP)  
**F17C 1/14** (2013.01); **F17C 2201/0109** (2013.01); **F17C 2201/032** (2013.01); **F17C 2201/058** (2013.01); **F17C 2203/0639** (2013.01); **F17C 2205/018** (2013.01); **F17C 2205/0305** (2013.01); **F17C 2209/221** (2013.01); **F17C 2209/232** (2013.01); **F17C 2209/234** (2013.01); **F17C 2221/01** (2013.01); **F17C 2221/03** (2013.01); **F17C 2221/035** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2260/011** (2013.01); **F17C 2270/0745** (2013.01)

Citation (search report)  
See references of WO 2011039463A1

Cited by  
IT202100007097A1

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 SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011039463 A1 20110407**; EP 2483591 A1 20120808; EP 2483591 B1 20130911; FR 2950952 A1 20110408; FR 2950952 B1 20111118

DOCDB simple family (application)  
**FR 2010052033 W 20100928**; EP 10773126 A 20100928; FR 0956839 A 20091001