

Title (en)
Pressure vessel with flange provided with handle

Title (de)
Druckbehälter mit einem Flansch der mit einem Handgriff vorgesehen ist

Title (fr)
Récipient de pression avec un rebord pourvu d'une poignée

Publication
EP 2236906 A1 20101006 (EN)

Application
EP 10158384 A 20100330

Priority
BE 200900198 A 20090330

Abstract (en)
The present invention relates to a gas cylinder (1) provided with a flange (3) or base ring, provided with a handle (5), by providing the handle (5) with a recess of opening (8) in the flange. Such gas cylinder (1) is also provided with a handle (10) at the top end, such that the gas cylinder (1) can easily and safely be manually and horizontally transported.

IPC 8 full level
F17C 13/08 (2006.01)

CPC (source: EP)
F17C 13/084 (2013.01); **F17C 2201/0109** (2013.01); **F17C 2201/032** (2013.01); **F17C 2201/058** (2013.01); **F17C 2205/0165** (2013.01);
F17C 2205/018 (2013.01); **F17C 2205/0308** (2013.01); **F17C 2221/035** (2013.01); **F17C 2223/033** (2013.01)

Citation (search report)

- [A] EP 1333223 A1 20030806 - ALUGAS VERTRIEBSZENTRALE GMBH [DE]
- [A] US 2005269338 A1 20051208 - OLIVEIRA TIAGO [PT], et al
- [A] DE 102004044259 B3 20060126 - BODEWEIN HANS-WALTER [DE]
- [A] FR 2829557 A1 20030314 - GAZ LIQUIFIES IND AYANT POUR S [FR]
- [A] EP 0369522 A2 19900523 - SHELL INT RESEARCH [NL]
- [A] FR 1564018 A 19690418
- [A] DE 3741628 A1 19890615 - MANNESMANN AG [DE]

Cited by
CN104456076A; WO2017151073A3

Designated contracting state (EPC)
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

Designated extension state (EPC)
AL BA ME RS

DOCDB simple family (publication)
EP 2236906 A1 20101006; EP 2236906 B1 20120523; BE 1018707 A3 20110705

DOCDB simple family (application)
EP 10158384 A 20100330; BE 200900198 A 20090330