

Title (en)  
Identification system for compressed gas bottles

Title (de)  
Kennungssystem für Druckgasflaschen

Title (fr)  
Système de signalisation pour bouteilles de gaz comprimé

Publication  
**EP 2508787 A3 20180314 (DE)**

Application  
**EP 12162803 A 20120402**

Priority  
DE 102011016041 A 20110404

Abstract (en)  
[origin: EP2508787A2] The system (10) has a radio frequency identification transponder (12), and a holder for fastening the transponder to a compressed gas cylinder (1). A holder ring (11) supporting the transponder is connected with a neck ring (3) of the cylinder or a connection thread for a protective cap. The holder ring is designed as a clamping ring adapted to thread diameter of the thread or to diameter of a recess below the thread. The holder ring has inwardly-projecting retaining guides that are engaged into the recess or into an outer surface of the neck ring in installation condition.

IPC 8 full level  
**F17C 13/00** (2006.01)

CPC (source: EP)  
**F17C 13/003** (2013.01); **F17C 2201/0109** (2013.01); **F17C 2201/0119** (2013.01); **F17C 2201/032** (2013.01); **F17C 2201/058** (2013.01); **F17C 2203/0617** (2013.01); **F17C 2203/0639** (2013.01); **F17C 2205/0308** (2013.01); **F17C 2205/058** (2013.01); **F17C 2209/227** (2013.01); **F17C 2209/228** (2013.01); **F17C 2270/0745** (2013.01)

Citation (search report)

- [X] EP 2249327 A1 20101110 - ATHELIA SOLUTIONS IBERICA S L [ES], et al
- [XI] DE 202008001549 U1 20080529 - HARTING AG [CH]
- [X] WO 2007042879 A2 20070419 - ITW NEW ZEALAND LTD [NZ], et al
- [X] US 2006170559 A1 20060803 - MARSILIO RONALD M [US], et al
- [XD] EP 2284433 A1 20110216 - IDTEK TRACK AND TRACE S A [CH]
- [E] EP 2590865 A1 20130515 - B & G PLASTICS INC [US]
- [A] US 5555655 A 19960917 - YAGER JOHN [US], et al

Cited by  
EP2796765A1

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

DOCDB simple family (publication)  
**EP 2508787 A2 20121010; EP 2508787 A3 20180314**; DE 102011016041 A1 20121004

DOCDB simple family (application)  
**EP 12162803 A 20120402**; DE 102011016041 A 20110404