

Title (en)  
Hoop for protecting a valve

Title (de)  
Ventilschutzbügel

Title (fr)  
Etrier de protection de valve

Publication  
**EP 1296091 A3 20060222 (DE)**

Application  
**EP 02020732 A 20020914**

Priority  
DE 10146261 A 20010920

Abstract (en)  
[origin: EP1296091A2] The protection device for the valve has a yoke (5) closed at the top with a fixing device (1) for fixing on the compressed gas flask over valve. The yoke can have two vertically divided halves. The yoke has a grip element (6) at the top end which can contain an electronic data carrier such as a transponder.

IPC 8 full level  
**F17C 13/06** (2006.01)

CPC (source: EP)  
**F17C 13/06** (2013.01); **F17C 2205/0308** (2013.01)

Citation (search report)  
• [XA] FR 637667 A 19280505 - AIR LIQUIDE  
• [X] EP 1041339 A1 20001004 - AIR LIQUIDE [FR]  
• [X] DE 3502232 A1 19860724 - MESSER GRIESHEIM GMBH [DE], et al  
• [X] US 4521676 A 19850604 - POULSEN BO [DK]

Cited by  
CN107575739A; FR2976048A1; CN103562616A; FR2900717A1; EP2933547A1; WO2007125240A3; WO2013001190A1; WO2019219837A1; US10753541B2

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