

Title (en)
CARBON DIOXIDE FIRE EXTINGUISHING DEVICE

Title (de)
Kohlendioxid-Feuerlöschvorrichtung

Title (fr)
DISPOSITIF D'EXTINCTION DE FEU A DIOXYDE DE CARBONE

Publication
EP 1307683 B1 20040512 (DE)

Application
EP 01969584 A 20010810

Priority
• EP 0109269 W 20010810
• LU 90629 A 20000810

Abstract (en)
[origin: WO0212781A1] The invention relates to a carbon dioxide fire extinguishing device comprising a capacitive measuring device (11) which is calibrated for a temperature range above and below the critical temperature of carbon dioxide and which is used to detect the amount of gas loss from a carbon dioxide pressure tank (10). The carbon dioxide fire extinguishing device comprises an outlet valve in which the capacitive measuring probe (12) is integrated in such an advantageous way that the outflow resistance of the extinguishing gas is hardly increased at all.

IPC 1-7
F17C 13/02; **A62C 37/50**

IPC 8 full level
A62C 35/02 (2006.01); **A62C 37/50** (2006.01); **A62C 99/00** (2010.01); **F17C 13/02** (2006.01)

CPC (source: EP US)
A62C 37/50 (2013.01 - EP US); **A62C 99/0027** (2013.01 - EP US); **F17C 13/02** (2013.01 - EP US); **F17C 13/025** (2013.01 - EP US); **F17C 2205/0323** (2013.01 - EP US); **F17C 2205/0385** (2013.01 - EP US); **F17C 2205/0394** (2013.01 - EP US); **F17C 2221/013** (2013.01 - EP US); **F17C 2223/0153** (2013.01 - EP US); **F17C 2223/035** (2013.01 - EP US); **F17C 2223/047** (2013.01 - EP US); **F17C 2250/032** (2013.01 - EP US); **F17C 2250/036** (2013.01 - EP US); **F17C 2250/0408** (2013.01 - EP US); **F17C 2250/043** (2013.01 - EP US); **F17C 2250/0491** (2013.01 - EP US); **F17C 2260/038** (2013.01 - EP US); **F17C 2270/0754** (2013.01 - EP US); **Y10T 137/8326** (2015.04 - EP US)

Cited by
DE102010004902A1; DE102010004902B4

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 0212781 A1 20020214; AU 8979701 A 20020218; CN 1230647 C 20051207; CN 1446296 A 20031001; DE 50102278 D1 20040617; EP 1307683 A1 20030507; EP 1307683 B1 20040512; JP 2004505699 A 20040226; JP 4751007 B2 20110817; LU 90629 B1 20060221; RU 2266464 C2 20051220; US 2004164868 A1 20040826; US 6836217 B2 20041228

DOCDB simple family (application)
EP 0109269 W 20010810; AU 8979701 A 20010810; CN 01813936 A 20010810; DE 50102278 T 20010810; EP 01969584 A 20010810; JP 2002518029 A 20010810; LU 90629 A 20000810; RU 2003105807 A 20010810; US 35285403 A 20030129