

Title (en)
SWITCHING VALVE WITH SLIDER

Title (de)
SCHALTVENTIL MIT SCHIEBER

Title (fr)
SOUPAPE DE COMMANDE À COULISSEAU

Publication
EP 2047170 B1 20100127 (DE)

Application
EP 07786368 A 20070727

Priority
• EP 2007006654 W 20070727
• DE 202006011681 U 20060727

Abstract (en)
[origin: US8286662B2] Disclosed herein is a switching valve for transmitting of fluids. In particular, disclosed herein is a switching valve for filling of gas tanks having a housing with an inlet area and an outlet portion. A check valve, a vent valve, and an inlet valve can be disposed within the housing. The vent valve and the inlet valve can be controlled by a slide that is coupled with a pivoting lever which is actuated by a control valve in a pressure controlled manner.

IPC 8 full level
F16L 37/28 (2006.01)

CPC (source: EP US)
F17C 13/04 (2013.01 - EP US); **F17C 2205/0326** (2013.01 - EP US); **F17C 2205/0382** (2013.01 - EP US); **Y10T 137/3331** (2015.04 - EP US);
Y10T 137/776 (2015.04 - EP US); **Y10T 137/777** (2015.04 - EP US); **Y10T 137/86292** (2015.04 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2009314362 A1 20091224; US 8286662 B2 20121016; AT E456764 T1 20100215; CN 101535707 A 20090916; CN 101535707 B 20130102;
DE 202006011681 U1 20070906; DE 502007002756 D1 20100318; EP 2047170 A1 20090415; EP 2047170 B1 20100127;
ES 2338485 T3 20100507; JP 2009544909 A 20091217; JP 5584925 B2 20140910; WO 2008012095 A1 20080131;
WO 2008012095 A9 20090416

DOCDB simple family (application)
US 37540007 A 20070727; AT 07786368 T 20070727; CN 200780036044 A 20070727; DE 202006011681 U 20060727;
DE 502007002756 T 20070727; EP 07786368 A 20070727; EP 2007006654 W 20070727; ES 07786368 T 20070727;
JP 2009521169 A 20070727