

Title (en)
HOT/COLD FLUID ISOLATION VALVE

Title (de)
VENTIL ZUR ISOLIERUNG HEISSE VON KALTEN FLÜSSIGKEITEN

Title (fr)
ROBINET D'ISOLEMENT DE FLUIDE CHAUD/FROID

Publication
EP 2203322 A1 20100707 (EN)

Application
EP 08845495 A 20081022

Priority
• US 2008080745 W 20081022
• US 92866007 A 20071030

Abstract (en)
[origin: WO2009058632A1] A fluid isolation valve having a valve body with a first fluid flow port, a second fluid flow port and a fluid drain port with a valve in the fluid drain port. The valve body defines a fluid flow channel, a drain flow channel and a valve portion, wherein the valve portion is disposed in the valve body communicating with the first fluid flow port, the second fluid flow port and the fluid drain port. At least one flow diversion device is provided and disposed within the valve portion. The flow diversion device is configurable between a first configuration and a second configuration, such that when the flow diversion device is in the first configuration the first fluid flow port is communicated with the second fluid flow port. When the flow diversion device is in the second configuration the first fluid flow port is communicated with the fluid drain port.

IPC 8 full level
B60H 1/00 (2006.01); **F16K 5/00** (2006.01)

CPC (source: EP)
F16K 5/0605 (2013.01); **F16K 11/0873** (2013.01); **F16K 11/0876** (2013.01)

Citation (search report)
See references of WO 2009058632A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2009058632 A1 20090507; AU 2008319041 A1 20090507; AU 2008319041 B2 20120621; CA 2704180 A1 20090507; CA 2704180 C 20150818; EP 2203322 A1 20100707; JP 2011502235 A 20110120

DOCDB simple family (application)
US 2008080745 W 20081022; AU 2008319041 A 20081022; CA 2704180 A 20081022; EP 08845495 A 20081022; JP 2010532147 A 20081022