

Title (en)
FLUID FLOW CONTROL DEVICES WITH ROTARY COUPLING

Title (de)
STRÖMUNGSREGLER MIT DREHKUPPLUNG

Title (fr)
DISPOSITIFS DE RÉGULATION DE DÉBIT DE FLUIDE COMPRENANT UN ACCOUPLEMENT ROTATIF

Publication
EP 2614284 A1 20130717 (EN)

Application
EP 11757913 A 20110908

Priority
• GB 201015176 A 20100911
• GB 2011001318 W 20110908

Abstract (en)
[origin: WO2012032297A1] An assembly comprising a first fluid flow control device (27) coupled to a second fluid flow control device (25). The first fluid flow control device has a body with a first fluid passage and the second fluid flow control device has a body with a second fluid passage, the first and second fluid passages being in fluid communication to form a first fluid path. The first and second fluid flow control devices are coupled together by means of a rotary coupling comprising a first coupling part and a second coupling part defining mutually co-operating guide surfaces for supporting relative rotation of the first and second fluid flow control devices. The first coupling part (56) is provided by the first fluid control device is penetrated by at least part of the first fluid passage. The second coupling part connected to one of the first and second fluid flow control devices and comprises a releasable clamping member (28) for movement between a first position in which the first and second fluid flow control devices are rotatable relative to one another about a rotational axis and a second position in which it clamps against a clamping surface of the other of the first and second fluid flow control devices so as to clamp the devices against relative rotation in at least one selected position.

IPC 8 full level
F16L 27/08 (2006.01); **F16L 39/04** (2006.01)

CPC (source: EP GB)
F15B 21/00 (2013.01 - GB); **F16K 17/26** (2013.01 - EP); **F16K 17/34** (2013.01 - EP); **F16K 21/00** (2013.01 - GB); **F16L 23/0286** (2013.01 - EP)

Citation (search report)
See references of WO 2012032297A1

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

DOCDB simple family (publication)
WO 2012032297 A1 20120315; EP 2614284 A1 20130717; GB 201015176 D0 20101027; GB 2486394 A 20120620; GB 2486394 B 20170524

DOCDB simple family (application)
GB 2011001318 W 20110908; EP 11757913 A 20110908; GB 201015176 A 20100911