

Title (en)  
FLOW CONTROL DEVICE

Title (de)  
DURCHFLUSSSTEUERVORRICHTUNG

Title (fr)  
DISPOSITIF DE REGULATION DU DEBIT

Publication  
**EP 1723070 A1 20061122 (EN)**

Application  
**EP 05701976 A 20050121**

Priority  
• GB 2005000213 W 20050121  
• GB 0401771 A 20040128

Abstract (en)  
[origin: GB2410537A] The flow control device is for dispensing liquid to a predetermined level in a container. The device comprises a tubular body 10 having a closed upper end 11 and an open lower end 12. The device can be connected to the container by a hook 13 or could be an integral part of a tap. An inlet 14 is attached to or provided for attachment to a liquid feed pipe. The device also includes a flap valve 19 which is pivoted within the body below the inlet about an axis extending transversely to the body and which, in the absence of external forces, will adopt an open condition allowing liquid to flow through the body. A float 22 is provided for pivoting the flap valve towards the closed condition as the liquid level in the container rises.

IPC 8 full level  
**B67D 7/16** (2010.01); **B67D 7/32** (2010.01); **B67D 7/36** (2010.01); **F16K 1/22** (2006.01); **F16K 21/18** (2006.01); **F16K 31/20** (2006.01)

CPC (source: EP US)  
**B67D 7/365** (2013.01 - EP US); **F16K 21/18** (2013.01 - EP US); **F16K 31/20** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005073125A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**GB 0401771 D0 20040303**; **GB 2410537 A 20050803**; EP 1723070 A1 20061122; JP 2007519871 A 20070719; US 2007169840 A1 20070726; WO 2005073125 A1 20050811

DOCDB simple family (application)  
**GB 0401771 A 20040128**; EP 05701976 A 20050121; GB 2005000213 W 20050121; JP 2006550280 A 20050121; US 59704605 A 20050121