

Title (en)

Connecting fitting of a fluid flow control system.

Title (de)

Verbinder-Fitting in einem Durchfluss-Überwachungssystem.

Title (fr)

Garniture de connexion d'un système de régulation de l'écoulement d'un fluide.

Publication

EP 0226622 A4 19880823 (EN)

Application

EP 86903938 A 19860602

Priority

- US 74156585 A 19850605
- US 86536086 A 19860521

Abstract (en)

[origin: WO8607249A1] A fluid flow control apparatus specially adapted for use with an ultrasonic surgical tool (52) which provides for irrigation of a surgical site and for aspirating fluid from the site comprises a source of irrigation fluid (102), an irrigation fluid conduit (104) for conducting the irrigation fluid to a surgical site, an aspiration fluid conduit (54) for conducting fluid away from the surgical site, a suction pump (112) connected to the aspiration site, a pressure-sensitive control system (120) for removing the source of suction from the aspiration conduit when a predetermined value of suction is exceeded, and a valve (132) for controllably admitting irrigation fluid into the aspiration fluid conduit. A check valve (109) in the irrigation conduit prevents a reverse surge when the irrigation fluid is admitted to the aspiration conduit. A modified T connector (400) with a first fluid conduit (402) having a male connector end (406) and a female connector end (404). A second rigid tubular member (408) in fluid communication with the first conduit (402) has a third rigid member (414) a right first angles to the second rigid member (408) and is parallel to the first fluid conduit (402).

IPC 1-7

A61B 17/00; F16L 41/00

IPC 8 full level

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Citation (search report)

- US 3693613 A 19720926 - KELMAN CHARLES
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- See references of WO 8607249A1

Designated contracting state (EPC)

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