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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International patent classification[6] : A61B 10/00	A1	(11) International publication number: WO 96/15724
		(43) International publication date: 30 May 1996 (30.05.96)

(21) International application number: PCT/FR95/01521

(22) International filing date: 17 November 1995 (17.11.95)

(30) Data relating to the priority:
94/14249 21 November 1994 (21.11.94) FR

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(81) Designated States: AL. AM. AT. AU. BB. BG. BR. BY. CA. CH. CN. CZ. DE. DK. EE. ES. FI. GB. GE. HU. IS. JP. KE. KG. KP. KR. KZ. LK. LR. LS. LT. LU. LV. MD. MG. MK. MN. MW. MX. NO. NZ. PL. PT. RO. RU. SD. SE. SG. SI. SK. TJ. TM. TT. UA. UG. US. UZ. VN. European Patent (AT. BE. CH. DE. DK. ES. FR. GB. GR. IE. IT. LU. MC. NL. PT. SE). OAPI Patent (BF. BJ. CF. CG. CI. CM. GA. GN. ML. MR. NE. SN. TD. TG). ARIPO Patent (KE. LS. MW. SD. SZ. UG).

Published
With the International Search Report.
Before expiry of the period provided for amending the claims, will be republished if such amendments are received.

AS PRINTED

(54) Title: SINGLE-USE DEVICE FOR DELIVERING AN ACTIVE LIQUID INTO A BODY CAVITY

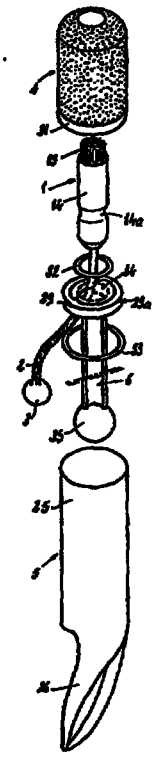
(54) Titre: DISPOSITIF A USAGE UNIQUE DE TRANSFERT D'UN LIQUIDE ACTIF DANS UNE CAVITE INTRACORPORELLE

(57) Abstract

A single-use device for delivering an active liquid into a body cavity (10), including a central member (1) having means for contacting the mucosa of the body cavity (10); a peripheral member (4) arranged around the central member (1) and including an expandable liquid-absorbing pad (11); a liquid-tight means (5) for temporarily protecting the peripheral member (4) with respect to the central member (1); an active liquid source (12) within the central member (1) or the peripheral member (4); and a collecting means (13) for collecting the active liquid after it has flowed through the body cavity, within the peripheral member (4) or the central member (1).

(57) Abrégé

Dispositif à usage unique de transfert d'un liquide actif dans une cavité intracorporelle (10), comprenant: un élément central (1) comportant des moyens de contact avec la muqueuse de ladite cavité intracorporelle (10); un élément périphérique (4) disposé autour de l'élément central (1), comprenant un tampon (11) agencé pour absorber tout liquide en s'expansant; un moyen temporaire de protection (5) étanche vis-à-vis des liquides, de l'élément périphérique (4) par rapport à l'élément central (1); une source (12) du liquide actif, comprise dans l'élément central (1) ou l'élément périphérique (4); et un moyen de recueil (13) du liquide actif, ayant circulé dans la cavité intracorporelle, compris dans l'élément périphérique (4) ou l'élément central (1), respectivement.



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ABSTRACT

DISPOSABLE DEVICE FOR TRANSFER OF AN ACTIVE LIQUID INTO AN INTRACORPOREAL CAVITY

Disposable device for transfer of an active liquid into an intracorporeal cavity, comprising:

- a central element having means for contact with the mucous membrane of said intracorporeal cavity;
- a peripheral element arranged around the central element, and comprising a tampon designed to absorb all liquid by expanding;
- a temporary means of protection, sealed with respect to the liquids, for protecting the peripheral element in relation to the central element;
- a source of the active liquid, contained in the central element or the peripheral element;
- and a means for recovering the active liquid, which has circulated in the intracorporeal cavity, said means being contained in the peripheral element or the central element, respectively.

Figure 1.