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- (54) **INSTRUMENT ACCESS DEVICE**
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- (58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**

An instrument access device comprises first, second and third instrument seals for sealing around instruments extended through the device. The seals have respective connector sleeves. Each sleeve connects a base to one of the instrument seals. The device also comprises two insufflation/desufflation ports. Each of the ports comprises a connector extending from the base, a tube extending from the connector, a luer connector and a removable cap. The luer connector is used for connection to any suitable supply line for insufflation gas or for discharge if insufflation gas. In use, the insufflation/desufflation ports facilitate independent control of insufflation and desufflation as may be required during a surgical procedure. Access sleeve at the proximal end is cut-off, folded over the inner proximal ring and is held in place between the base and the inner proximal ring when the base is fitted. The proximal end of the sleeve that is generated when the sleeve is pulled upwardly to retract an incision is removed from the field of use.

19 Claims, 43 Drawing Sheets

