

[54] ROTATING MECHANISM FOR INTRODUCING A FETAL ELECTRODE

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[57] ABSTRACT

An improved electrode structure for use in monitoring fetal heartbeat and the like. A guide tube has an open forward end adapted to be inserted through the vagina and cervix of a woman in labor. A signal acquisition device, adapted to rotatably engage a fetal epidermis, is slidably and rotatably disposed in the guide tube. A driving member is slidably and rotatably disposed in the guide tube for driving the signal acquisition device into engagement with a fetal epidermis. A line is attached to the driving member and is wrapped circumferentially around at least a portion of the driving member. A device is affixed to the line for pulling it tangentially with respect to the drive member, whereby the driving member and the signal acquisition device may be rotated for engaging a fetal epidermis.

9 Claims, 8 Drawing Figures

