ENTERAL FEEDING PUMP AND FEEDING SET THEREFOR

ABSTRACT

An enteral feeding pump and feeding set for use to deliver a supply of liquid to a patient. The feeding set has a conduit for the nutrient liquid and a safety interlock device associated with the conduit. The enteral feeding pump has a pumping device and a control system for controlling operation of the pump. An electromagnetic radiation source operatively connected to the control system of the enteral feeding pump emits an electromagnetic radiation signal in a direction for striking the safety interlock device of the feeding set. The safety interlock device is adapted to affect the direction of the electromagnetic radiation. An electromagnetic radiation detector is operatively connected to the control system for receiving the electromagnetic radiation signal when the direction is affected by the safety interlock device, and provides an indication to the control system that the feeding set conduit is properly positioned in the enteral feeding pump.

Fig. 1