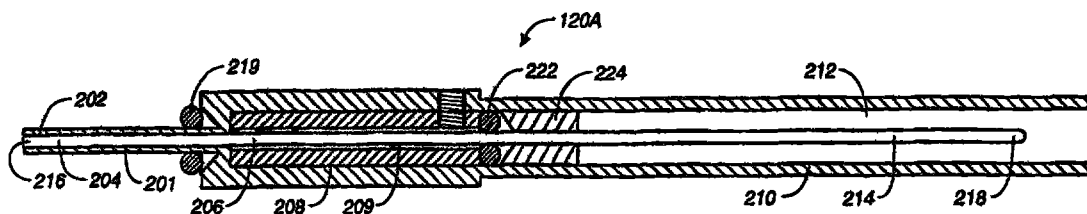


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(54) Title: TEMPERATURE PROBE



(57) Abstract

A temperature probe has a light conductor for optically transmitting temperature information to a pyrometer. The light conductor has a first portion which is adapted to capture temperature information and a second portion which is connected to the pyrometer. The probe also has an enclosure for protecting the second portion of the light conductor. The enclosure in turn has a passageway for housing the second portion of the light conductor and an opening for projecting the first portion of the light conductor from the passageway to the outside of the enclosure. Additionally, a seal is provided in the passageway adjacent the opening to encapsulate the second portion of the light conductor inside the passageway.