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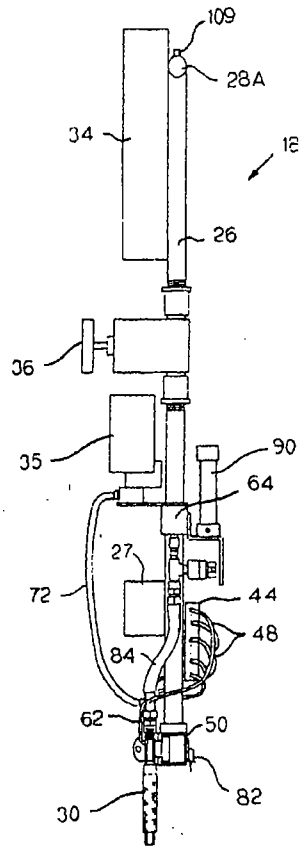
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(54) Title: DEVICE AND METHOD FOR BLOWING DOWN AND MEASURING THE BACK PRESSURE OF CHEMICAL REACTOR TUBES



(57) Abstract: There is disclosed a device and method to measure the back pressure in chemical reactor tubes. In a preferred embodiment the device comprises a wand (18) which uses an inflatable, conforming seal in the form of an elastic sleeve (56) mounted on an injector tube (30). Thereby a good seal is provided between the measuring device and the chemical reactor tubes. Also, in a preferred embodiment, the measuring device measures multiple tubes at once rather than measuring only one tube at a time. Also, in a preferred embodiment, measurements are stored at the measuring device, are transmitted electronically to a remote computer, and are displayed graphically in real time at a remote display, such as in the control room, including indications of which tubes are within predetermined specifications and which are not.

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