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(57) Abstract :

A sensor assembly for measuring hydrogen concentration in an insulating fluid via a temperature well that has a tubular portion extending into the equipment and having a movable valve at its end. The tubular portion includes a flange a tubular housing member attached to the flange having one end adapted to be telescopically received in the temperature well. The tubular portion includes a housing having one end connected to the tubular housing member having a substantially uniform cross section wherein at least one wire receiving opening extends through the housing body. A cover closes an end of the housing body. A seal is disposed between the tubular housing member and the tubular portion of the temperature well. The tubular housing member is long enough so that when fully extended into the temperature well the tubular housing causes the movable valve to open.

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