



162162

ABSTRACTREMOTE MONITORING UNIT1 ABSTRACT OF THE DISCLOSURE

A remote monitoring unit (1) includes a camera (3) for producing a video signal from a picture of a remote site location being monitored, an image processor (13) for outputting an image signal through an image processing process for the video signal, a microphone (5) for producing a sound signal from a sound at the location, a temperature sensor (4) for outputting a detection signal when a temperature change higher than a predetermined level is detected at the location, a gas sensor (6) for outputting a detection signal when a concentration of oxygen gas smaller than a predetermined first level or a concentration of hydrogen gas greater than a predetermined second level is detected in the location, a converter (15) for outputting digital signals by converting the image signal, the sound signal and the detection signals, and a radio transmitter (12) for transmitting the digital signals of the converter to a radio receiver of a control equipment via radio transmission. In this unit (1), the camera (3), the image processor (13), the microphone (5), the temperature sensor (4), the gas sensor (6), the converter (15), and the radio transmitter (12) are built in an enclosure case (2), and the security of the remote site location is monitored from a central control equipment by using the remote monitoring unit (1) placed at the remote site location.

30 (Fig. 4)



G00002