

ABSTRACT

There is provided a detection signal processing circuit and a detection signal processing method for an eddy current sensor that are less easily influenced by a change in ambient environment than conventional technologies. A detection signal processing apparatus includes a converter configured to convert a first analog signal output by a detection coil into a first digital signal, a converter configured to convert a second analog signal output by a dummy coil into a second digital signal, and a detector which is a digital signal processing circuit configured to detect the first digital signal and the second digital signal.

Fig. 7