

DEVICE AND METHOD FOR DETECTING THE PRESENCE OF AN OBJECTABSTRACT

Device (1) for detecting the presence of an object (9) in a detection zone, characterised in that it comprises a transmission line (2), a generator which is connected to an input of the transmission line and which is able to generate an input signal, and a receiver which is connected to an output of the transmission line and which is able to measure an output signal, the transmission line being able to radiate a radiated signal (15, 16) in the detection zone when the generator generates the input signal, the detection device further comprising analysis means which are able to detect the presence of an object in the detection zone in accordance with the output signal.

(Figure 3)