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(54) **Intrusion detecting system**

(57) An intrusion detecting system (9) has a transmitter (12) transmitting radio waves in an LF band; a detector (14) detecting an electric field intensity at least in one axis and receiving the radio waves from the trans-

mitter; and an intrusion detecting part (10) configured to detect an intrusion within a predetermined range based on a comparison result between a predetermined threshold and a value detected by the detector for electric field intensities of any axis.

FIG.5

