TRACKING SYSTEM AND METHOD FOR USE IN SURVEYING AMUSEMENT PARK EQUIPMENT

ABSTRACT

A dynamic signal to noise ratio tracking system (10) enables detection and tracking of amusement park equipment (12) within the field of view of the tracking system (10). The tracking system (10) may include an emitter (14) configured to emit electromagnetic radiation within an area, a detector (16) configured to detect electromagnetic radiation reflected back from vehicles (204) within the area, and a control unit (18) configured to evaluate signals from the detector (16) to survey the amusement park equipment (12) to determine whether the equipment (12) has degraded or shifted.

[Figure No. 11]