

ABSTRACT

An electric vehicle position detection system according to an embodiment includes a plurality of first tags, a plurality of second tags, and a reader. The first tags are installed along a track and have identifiers mutually different from each other. The second tags are installed along the track and have identifiers mutually different from each other. The reader is mounted on an electric vehicle running on the track and can read the identifiers of the first tags and the identifiers of the second tags. The first tags include a first range as a range in which the reader can read identifiers. The second tags include a second range different from the first range as a range in which the reader can read identifiers. An installation distance between the first tags is different from an installation distance between the second tags.