

Abstract

There is provided a system, which can charge a vehicle at an arbitrary position using a method of collating an observation image acquirable from a travelling vehicle and a reference image stored in advance.

A charging processing system 1 that performs charging processing when a user vehicle 30 travels on a road includes a reference image storage unit 15 that stores a reference image acquired in advance in relation to a plurality of charging positions set on a road R; an observation image acquisition unit 31 that is provided on the user vehicle 30 and photographs a landscape of the surroundings of the road R where the user vehicle 30 travels, and acquires an observation image; a data processing unit 33 that performs an image matching of the stored reference image and the newly acquired observation image; and a charging processing unit 35 that performs charging processing on the user vehicle 30 based on the result of the image matching in the data processing unit 33.