ABSTRACT

Provided is a noncontact type power feeder system for feeding an electric power to a mobile object, which enables a quick charge and transmission of a high electric power and in which a power feeder and a power receiver can be readily manufactured at low cost, comprising a power feeder arranged along a running road surface for the mobile object 1, and a power receiver mounted to the mobile object, the power feeder and the power receiver being opposed fact-to-face to each other for feeding an electric power, wherein the power feeder is secured on the running road surface for the mobile object, or aerially above the running road surface while the power receiver is mounted at a position where the power receiver is opposed face-to-face to the power feeder with a predetermined gap therebetween when the mobile object is stopped at a position where the power feeder is set up, and each of the power feeder and the power receiver is composed of a planer core having long sides extended in the travel direction of the mobile object while the power feeder is fed thereto with an electric power through a power feed line laid underground or aerially.