ABSTRACT

A power-supplying module 202 and a power-receiving module 203 are positioned so that a coil surface of a power-supplying resonator 22 in the power-supplying module 202 and a coil surface of a power-receiving resonator 32 in the power-receiving module 203 face each other. On the inner circumferential surface sides of the coils of the power-supplying resonator 22 and the power-receiving resonator 32, cylindrical magnetic members 23 and 33 which cover the entire inner circumferential surfaces of the coil of the power-supplying resonator 22 and the coil of the power-receiving resonator 32 are arranged. When power transmission between the power-supplying resonator 22 and the power-receiving resonator 32 is performed, while varying the magnetic field, magnetic field occurring around the power-supplying resonator 22 and the power-receiving resonator 32 is shielded by the magnetic members 23 and 33. This improves power transmission efficiency of power transmitted from the power-supplying module 202 to the power-receiving module 203, as compared with a case of arranging no magnetic members 23 and 24.