



ABSTRACT OF THE DISCLOSURE

A communication module and initialization method for a multi-air conditioner system which has a plurality of indoor units and one outdoor unit for controlling the indoor units. The communication module comprises a power circuit included in each of the indoor units and outdoor unit, the power circuit being connected to a non-polarized two-wire power line to supply a drive power to a corresponding one of the indoor units and outdoor unit, a transmitter/receiver circuit included in each of the indoor units and outdoor unit, the transmitter/receiver circuit being connected to the power line to convert information to be transmitted, into a pulse form, carry the converted result in an alternating current voltage to transmit the information through the power line and receive information from the power line, and a microcomputer included in each of the indoor units and outdoor unit, for controlling an associated system operation according to the information from the power line, received by the transmitter/receiver circuit. Further, upon supply of power to the system, the outdoor unit calls the indoor units and sequentially assigns addresses to any ones of the indoor units transmitting responses earlier than the others. Therefore, an addressing operation can rapidly be performed with no failure.