TEMPERATURE READER LOGGER EQUIPPED WITH RELAY BRACKET TO MAXIMIZE USABILITY AND MAINTAINABILITY, AND FRESH LOGISTICS SYSTEM INCLUDING THE SAME

[ABSTRACT]

Active reader logger including a reader logger body and a relay bracket is provided. Relay bracket includes a guide rail that guides fitting of both side surfaces of reader logger body, a locking jaw that supports reader logger body from below, a fixing protrusion that is fitted into a locking groove provided on a rear side portion of reader logger body, and a relay antenna that relays communication between reader logger body and a passive sensory tag installed in a fresh logistics box. Reader logger body includes a body part, guide rail grooves that are disposed on both side surfaces of body part and configured to accommodate guide rail of relay bracket, a first wireless communication module that performs communication with a passive sensory tag installed in fresh logistics box to measure an internal temperature of fresh logistics box via relay antenna, a memory that stores a sensing value sensed by passive sensory tag, a second wireless communication module that performs communication with an external terminal and transmits sensing value to external terminal, and a power supply unit.

Fig. 1