

ABSTRACT

Protocol for joining a cluster of communicating electronic devices via a wireless network, associated system and electronic device implementing said protocol.

The invention relates to a protocol for joining a cluster comprising a plurality of communicating electronic devices (10, 10i). It also relates to any electronic device implementing said join protocol and any system comprising such a device. The latter advantageously comprises a processing unit (11), a data memory (12) containing the value of an identifier (ID) dedicated to the device and a record (RH) to contain the current value (IDHc) of an identifier of a device acting as cluster head and a datum (CH) expressing the capacity of the latter to perform a specific service (S). The device also comprises a program memory (14) containing instructions of a program (P) the execution or interpretation of which by the processing unit causes the implementation of the join protocol.