Title (en)

SYNCHRONIZATION METHOD FOR RFID SYSTEM INCLUDING TAGS HAVING DIFFERENT MEMORY SIZES

Title (de)

SYNCHRONISATIONSVERFAHREN FÜR RFID SYSTEM MIT ETIKETTEN MIT UNTERSCHIEDLICHEN SPREICHERGRÖSSEN

Title (fr)

PROCEDE DE SYNCHRONISATION POUR UN SYSTEME HFID COMPRENANT DES ETIQUETTES PRESENTANT DES CAPACITES DE MEMOIRE DIFFERENTES

Publication

EP 1068738 A1 20010117 (EN)

Application

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Priority

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- US 25659199 A 19990223

Abstract (en)

[origin: WO9946940A1] A synchronization method for an RFID system (10) including tags (40-1 to 40-n) having different memory sizes, employs a convention wherein sync words and sync bits are stored in tag memory (407) among data bits so that a reader (30) may readily identify the sync word on an RF signal (408) transmitted by a tag (40-1) and serially modulated by repetitions of the contents of the tag memory (407). After identifying the sync word, an RFID reader (30) reads data bits following the identified sync word until a next sync word is received, while ignoring the sync bits interspersed among the data bits.

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IPC 8 full level

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CPC (source: EP KR)

G06K 7/0008 (2013.01 - EP); **G06K 19/0723** (2013.01 - EP); **G07C 9/28** (2020.01 - EP); **G08G 1/017** (2013.01 - EP); **H04Q 1/00** (2013.01 - KR)

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