

Title (en)
HIGH-FREQUENCY IDENTIFICATION MEANS WITH PASSIVE ELECTRONIC DATA STORAGE MEDIUM

Title (de)
HOCHFREQUENZ IDENTIFIKATIONS-MEDIUM MIT PASSIVEM ELEKTRONISCHEM DATENTRÄGER

Title (fr)
MOYEN D'IDENTIFICATION A HAUTE FREQUENCE AVEC SUPPORT DE DONNEES ELECTRONIQUE PASSIF

Publication
EP 0898763 A1 19990303 (DE)

Application
EP 98902919 A 19980220

Priority
• CH 9800068 W 19980220
• CH 55397 A 19970307

Abstract (en)
[origin: WO9840846A1] The invention relates to a high-frequency identification means (IM) with a passive electronic data storage medium, comprising a processor, an electronic control unit and a memory, as well as a receiving aerial (15) for receiving operating energy and for the non-contact transmission of HF signals (20) to an assigned write/read station (WR) having a transmission aerial (24). The carrier frequency (fr) designated by the transmission aerial is above 1 MHz so as to allow for high communication output. An external capacitor (Ce) is connected in parallel to the receiving aerial (15), whereby the capacity of the external capacitor (Ce) is greater, preferably several times greater, than the capacity of the internal capacitor (Ci) of the data support medium (MI). This allows for significantly improved communication output, especially with small identification means.

IPC 1-7
G06K 19/07; **G06K 7/08**

IPC 8 full level
G06K 7/00 (2006.01); **G06K 7/08** (2006.01); **G06K 19/07** (2006.01)

CPC (source: EP KR)
G06K 7/0008 (2013.01 - EP); **G06K 7/08** (2013.01 - KR); **G06K 19/07** (2013.01 - KR); **G06K 19/0723** (2013.01 - EP);
G06K 19/0726 (2013.01 - EP)

Citation (search report)
See references of WO 9840846A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9840846 A1 19980917; AR 011183 A1 20000802; AU 5979498 A 19980929; AU 741616 B2 20011206; BR 9805934 A 19990831; CA 2252411 A1 19980917; CN 1226984 A 19990825; EP 0898763 A1 19990303; JP 2000509869 A 20000802; KR 20000010848 A 20000225; ZA 981382 B 19980824

DOCDB simple family (application)
CH 9800068 W 19980220; AR P980101005 A 19980306; AU 5979498 A 19980220; BR 9805934 A 19980220; CA 2252411 A 19980220; CN 98800608 A 19980220; EP 98902919 A 19980220; JP 53901698 A 19980220; KR 19980708991 A 19981107; ZA 981382 A 19980219