

Title (en)
TRANSMITTING AND RECEIVING LONG MESSAGES IN A WIRELESS ONE-WAY COMMUNICATION SYSTEM WHILE RESERVING SELECTED SLOTS FOR SHORT MESSAGES

Title (de)
VERFAHREN ZUR ÜBERTRAGUNG UND ZUM EMPFANG VON LANGEN NACHRICHTEN IN EINEM SCHNURLOSEM EINWEGÜBERTRAGUNGSSYSTEM WÄHREND FÜR KURZNACHRICHTEN AUSGEWÄHLTE ZEITSCHLITZE RESERVIERT WERDEN.

Title (fr)
EMISSION ET RECEPTION DE MESSAGES LONGS DANS UN SYSTEME DE LIAISONS SANS FIL UNIDIRECTIONNELLES RESERVANT DES CRENEAUX SELECTIONNES POUR DES MESSAGES COURTS

Publication
EP 0771513 A1 19970507 (EN)

Application
EP 95927075 A 19950714

Priority
• IB 9500680 W 19950714
• US 27791394 A 19940720

Abstract (en)
[origin: WO9603010A1] A receiver operates in both a first polling protocol and in a selectable data acquisition protocol to both conserve power while quickly read long messages in wireless one-way communication systems. The receiver first polls data transmissions at a relatively slow periodic rate to identify messages. When the receiver identifies a corresponding address in the data transmission, a format packet directs the receiver to acquire data using a second data acquisition protocol independent of the polling protocol. The data acquisition protocol enables long messages to be communicated in a fast, highly reliable manner. After the long message is successfully transmitted, the receiver automatically reverts back into a polling protocol to conserve power.

IPC 1-7
H04Q 7/38; H04Q 7/10; H04Q 7/18

IPC 8 full level
H04W 52/02 (2009.01); **H04W 88/18** (2009.01); **H04W 88/02** (2009.01)

CPC (source: EP)
H04W 52/0216 (2013.01); **H04W 88/187** (2013.01); **H04W 88/022** (2013.01); **Y02D 30/70** (2020.08)

Citation (search report)
See references of WO 9603010A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
WO 9603010 A1 19960201; AU 3121395 A 19960216; EP 0771513 A1 19970507; JP H10503065 A 19980317

DOCDB simple family (application)
IB 9500680 W 19950714; AU 3121395 A 19950714; EP 95927075 A 19950714; JP 50486496 A 19950714