

Title (en)  
ACCESS SPREADING IN A PACKET DATA RADIO SYSTEM

Title (de)  
ZUGRIFFSSPREIZUNG IN EINEM PAKETDATEN-RADIOSYSTEM

Title (fr)  
ETALEMENT DES ACCES DANS UN SYSTEME RADIO DE DONNEES EN PAQUETS

Publication  
**EP 1230763 A2 20020814 (EN)**

Application  
**EP 00978156 A 20001031**

Priority  
• SE 0002133 W 20001031  
• US 44027899 A 19991115

Abstract (en)  
[origin: WO0137494A2] A technique for spreading access attempts in a communication system entails transmitting messages from an application host to respective terminals via a packet data system, each of the messages including an access description element which specifies a time interval. Each terminal receives its respective message and generates a reply thereto. This reply is performed by making an initial uplink access on the random access channel. Once the first access is made, the network reserves radio resources for the terminal for use in conducting communication between the application host and the terminal. The initial access is transmitted following a lapse of the time interval specified in the message. The application host specifies different time intervals for different terminals. Accordingly, the access attempts made by the terminals are spread out over time to reduce congestion in the random access channel.

IPC 1-7  
**H04L 12/56**; H04Q 7/22; H04L 12/413; H04L 29/06; G06F 17/60

IPC 8 full level  
**G06Q 50/00** (2006.01); **H04L 12/28** (2006.01); **H04L 12/56** (2006.01); **H04W 74/08** (2009.01)

CPC (source: EP)  
**H04W 74/006** (2013.01); **H04W 74/0833** (2013.01)

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

DOCDB simple family (publication)  
**WO 0137494 A2 20010525**; **WO 0137494 A3 20011206**; AU 1564201 A 20010530; CN 1390410 A 20030108; EP 1230763 A2 20020814; JP 2003515274 A 20030422

DOCDB simple family (application)  
**SE 0002133 W 20001031**; AU 1564201 A 20001031; CN 00815733 A 20001031; EP 00978156 A 20001031; JP 2001538341 A 20001031