Title (en)

METHOD AND PACKET RADIO SYSTEM FOR TRANSMITTING MODULATION AND SIGNALLING INFORMATION

Title (de)

VERFAHREN UND PAKETFUNKSYSTEM ZUR ÜBERTRAGUNG VON MODULATIONS- UND SIGNALISIERUNGSINFORMATION

Title (fr)

PROCEDE ET SYSTEME DE RADIOCOMMUNICATION A COMMUTATION PAR PAQUETS POUR LA TRANSMISSION D'INFORMATIONS DE MODULATION ET DE SIGNALISATION

Publication

**EP 1018249 A1 20000712 (EN)**

Application

**EP 99936629 A 19990722**

Priority

- FI 9900637 W 19990722
- FI 981661 A 19980724

Abstract (en)

[origin: WO0005844A1] The invention relates to a coding method of signalling information in a packet radio system and to a packet radio system, which comprises at least one base station (112) and subscriber terminal (150), in which signals to be transmitted on a radio connection (170) between the base station (112) and the subscriber terminal (150) form blocks, which comprise bursts consisting of symbols, the burst comprising a training sequence (302) in which modulation information is included. The invention is characterized in that signalling information is coded together with the modulation information relating to the whole block into the training sequences (302) of the block. Coding enables e.g. a higher data transmission rate because it is not necessary to reserve data bits for coding of uplink state flags, for example.

IPC 1-7 (main, further and additional classification)

**H04L 12/56**; H04L 27/26; H04Q 7/22

IPC 8 full level (invention and additional information)

**H04B 7/26** (2006.01); **H04L 1/00** (2006.01); **H04L 12/56** (2006.01); H04L 25/03 (2006.01); H04W 36/00 (2009.01)

CPC (invention and additional information)

**H04L 1/0025** (2013.01); **H04L 1/0003** (2013.01); **H04L 1/0029** (2013.01); **H04L 1/0079** (2013.01); **H04L 27/0012** (2013.01); **H04L 27/2017** (2013.01); **H04L 27/2067** (2013.01); H04L 2025/03789 (2013.01); H04W 99/00 (2013.01)

Citation (search report)

See references of WO 0005844A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

EPO simple patent family

WO 0005844 A1 20000203; AU 5165699 A 20000214; AU 756579 B2 20030116; CN 1274497 A 20001122; EP 1018249 A1 20000712; FI 105516 B 20000831; FI 981661 A0 19980724; FI 981661 A 20000125; JP 2002521916 A 20020716; NO 20001512 A 20000323; NO 20001512 D0 20000323

INPADOC legal status

**2004-08-04** [18D] APPLICATION DEEMED TO BE WITHDRAWN

- Effective date : 20040203

**2002-03-13** [RAP1] TRANSFER OF RIGHTS OF AN APPLICATION

- Owner name : NOKIA CORPORATION

**2000-07-12** [17P] REQUEST FOR EXAMINATION FILED

- Effective date : 20000310

**2000-07-12** [AK] DESIGNATED CONTRACTING STATES:

- Kind Code of Ref Document : A1
- Designated State(s) : AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE