

Title (en)
OPTIMIZED RADIO BEARER CONFIGURATION FOR VOICE OVER IP

Title (de)
OPTIMIERTE FUNKTRÄGERKONFIGURATION FÜR VOICE-OVER-IP

Title (fr)
CONFIGURATION DE SUPPORT RADIO OPTIMISEE POUR VOIX SUR IP

Publication
EP 1709773 A4 20101103 (EN)

Application
EP 05721753 A 20050108

Priority
• KR 2005000061 W 20050108
• KR 20040001725 A 20040109
• US 53808704 P 20040120

Abstract (en)
[origin: WO2005065060A2] A radio bearer (RB) configuration to process packets in a single radio bearer. The RB configuration comprising: a first entity to split a received single packet stream into at least two packet sub-streams; and at least two second entities having respectively different modes for a single RB, each second entity to process each packet sub-stream split by the first entity. A method of processing packets in a single RB, comprising: receiving a single packet stream from an upper protocol layer; determining a characteristic of each packet in the received single packet stream; and splitting the determined packets into two different sub-streams, each sub-stream having different delay and/or error rate requirements.

IPC 8 full level
H04L 12/66 (2006.01); **H04L 29/06** (2006.01)

CPC (source: EP)
H04L 65/65 (2022.05); **H04L 65/70** (2022.05); **H04L 65/80** (2013.01); **H04W 72/1263** (2013.01); **H04W 72/569** (2023.01)

Citation (search report)
• [A] US 2003156578 A1 20030821 - BERGENLID LARS HERBERT [SE], et al
• [X] "RTP-RTCP Multiplexing", 29 August 2003 (2003-08-29), XP002601592, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_37/Docs/R2-031744.zip> [retrieved on 20100922]
• [X] HÉCTOR MONTES ET AL: "DEPLOYMENT OF IP MULTIMEDIA STREAMING SERVICES IN THIRD-GENERATION MOBILE NETWORKS", IEEE PERSONAL COMMUNICATIONS, IEEE COMMUNICATIONS SOCIETY, US, vol. 9, no. 5, 1 October 2002 (2002-10-01), pages 84 - 92, XP011093881, ISSN: 1070-9916
• [XP] "3GPP TR 25.862 V1.2.0 (2004-08); 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; RAB support for IMS (Release 6)", 3GPP TR 25.862 V1.2.0, XX, XX, 1 August 2004 (2004-08-01), pages 1 - 26, XP002372097
• See references of WO 2005065060A2

Citation (examination)
"RTPRTCP Multiplexing", 3GPP DRAFT; R2-031744, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. BUDAPEST, HUNGARY; 20030822, 22 August 2003 (2003-08-22), XP050124089

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005065060 A2 20050721; WO 2005065060 A3 20050825; EP 1709773 A2 20061011; EP 1709773 A4 20101103

DOCDB simple family (application)
KR 2005000061 W 20050108; EP 05721753 A 20050108