

Title (en)
TRANSCODING OF SPEECH IN A PACKET NETWORK ENVIRONMENT

Title (de)
TRANSCODIEREN VON SPRACHE IN EINER PAKETNETZWERKUMGEBUNG

Title (fr)
TRANSCODAGE DE LA VOIX DANS UN ENVIRONNEMENT DE RESEAU A COMMUTATION PAR PAQUETS

Publication
EP 1504441 A4 20051214 (EN)

Application
EP 03713828 A 20030226

Priority
• US 0306335 W 20030226
• US 14553302 A 20020513

Abstract (en)
[origin: WO03098598A1] There is provided transcoding of speech in a packet network environment. A decoder configured to receive a first bit-stream encoded according to a first coding scheme. The decoder decodes the bit-stream according to the first coding scheme, generates a plurality of first speech samples, and extracts a plurality of first speech parameters, which may include spectral characteristics, energy, pitch and/or pitch gain. A converter then converts the plurality first speech samples and plurality of first speech parameters to a plurality of second speech samples and a plurality of second speech parameters for use according to a second coding scheme. The first and second coding schemes may be, for example, G.711, G.723.1, G.726 or G.729, and may be parametric or non-parametric. An encoder receives the plurality of second speech samples and plurality of second speech parameters and generates a second bit-stream according to the second coding scheme.

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G10L 11/04; **G10L 11/00**; **G10L 21/00**; **G10L 19/00**

IPC 8 full level
G10L 19/16 (2013.01); **H04W 88/18** (2009.01)

CPC (source: EP KR)
G10L 19/00 (2013.01 - KR); **G10L 19/173** (2013.01 - EP); **G10L 25/03** (2013.01 - KR); **H03M 7/30** (2013.01 - KR); **H04L 12/66** (2013.01 - KR); **H04W 88/181** (2013.01 - EP)

Citation (search report)
• [XY] WO 0048170 A1 20000817 - QUALCOMM INC [US]
• [Y] US 6144935 A 20001107 - CHEN JUIN-HWEY [US], et al
• [X] WO 9900791 A1 19990107 - NORTHERN TELECOM LTD [CA]
• [A] EP 1126439 A2 20010822 - LUCENT TECHNOLOGIES INC [US]
• See references of WO 03098598A1

Designated contracting state (EPC)
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WO 03098598 A1 20031127; AU 2003217859 A1 20031202; CN 1653515 A 20050810; EP 1504441 A1 20050209; EP 1504441 A4 20051214; IL 165147 A0 20051218; JP 2005531017 A 20051013; KR 20040104701 A 20041210

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