

Title (en)  
INFORMATION FLOW TRANSMISSION METHOD WHEREBY SAID FLOW IS INSERTED INTO A SPEECH DATA FLOW, AND PARAMETRIC CODEC USED TO IMPLEMENT SAME

Title (de)  
INFORMATIONSFLOSS-ÜBERTRAGUNGSVERFAHREN, WOBEI DER FLUSS IN EINEN SPRACH-DATENFLUSS EINGEFÜGT WIRD, UND ZU SEINER IMPLEMENTIERUNG VERWENDETER PARAMETRISCHER CODEC

Title (fr)  
PROCEDE DE TRANSMISSION D UN FLUX D INFORMATION PAR INSERTION A L'INTERIEUR D'UN FLUX DE DONNEES DE PAROLE, ET CODEC PARAMETRIQUE POUR SA MISE EN OEUVRE

Publication  
**EP 1665234 A1 20060607 (FR)**

Application  
**EP 04787314 A 20040906**

Priority  
• FR 2004002259 W 20040906  
• FR 0310546 A 20030905

Abstract (en)  
[origin: US2006247926A1] For the transmission of a secondary information flow between a transmitter and a receiver, the secondary information flow is inserted at a parametric vocoder of the transmitter which generates a main information flow. The main information flow is a speech data flow encoding a speech signal and is transmitted from the transmitter to the receiver. Bits from the secondary information flow are inserted into only some of the frames of the main information flow, these frames being selected by a frame mask which is known to the transmitter and the receiver, and/or into a determined frame of the main information flow, by imposing a constraint on only some of the bits of the frame, these bits being selected by a bit mask known to the emitter and the receiver.

IPC 1-7  
**G10L 19/14**; H04L 9/12

IPC 8 full level  
**G10L 19/12** (2013.01); **G10L 19/14** (2006.01)

CPC (source: EP US)  
**G10L 19/12** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005024786A1

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

DOCDB simple family (publication)  
**US 2006247926 A1 20061102**; **US 7684980 B2 20100323**; AT E484821 T1 20101015; CA 2541805 A1 20050317; DE 602004029590 D1 20101125; EP 1665234 A1 20060607; EP 1665234 B1 20101013; ES 2354024 T3 20110309; ES 2354024 T8 20110412; FR 2859566 A1 20050311; FR 2859566 B1 20101105; WO 2005024786 A1 20050317

DOCDB simple family (application)  
**US 56991406 A 20060228**; AT 04787314 T 20040906; CA 2541805 A 20040906; DE 602004029590 T 20040906; EP 04787314 A 20040906; ES 04787314 T 20040906; FR 0310546 A 20030905; FR 2004002259 W 20040906