

Title (en)

CODEC RATE ADAPTATION FOR RADIO CHANNEL RATE CHANGE

Title (de)

CODEC-FREQUENZANPASSUNG FÜR FUNKKANALFREQUENZÄNDERUNGEN

Title (fr)

ADAPTATION DU DÉBIT DE CODAGE-DÉCODAGE POUR LA MODIFICATION DU DÉBIT DE CANAL RADIO

Publication

**EP 2494549 A1 20120905 (EN)**

Application

**EP 10827232 A 20101004**

Priority

- US 60740409 A 20091028
- SE 2010051065 W 20101004

Abstract (en)

[origin: WO2011053222A1] Speech signals to be sent between a first node and a second node via a wireless communication system are Adaptive Multi-Rate (AMR) encoded. A need to change the first node's first data transmission rate over a radio interface to a second different data transmission rate is determined. A new AMR source bit rate is then determined for both nodes. Information is sent to the second node, in advance of changing the data transmission rate over the radio interface, requesting the second node to change towards the new AMR source bit rate. After a predetermined time period sufficient for the second node to change from the current AMR source bit rate to the new AMR source bit rate expires or after the second node indicates a change to the new AMR source bit rate, the first node starts transmitting at the second data transmission rate over the radio interface.

IPC 8 full level

**G10L 19/14** (2006.01); **H04L 1/00** (2006.01); **H04W 28/04** (2009.01)

CPC (source: EP)

**H04L 1/0014** (2013.01); **H04W 28/22** (2013.01); **H04W 76/10** (2018.01); **H04W 92/18** (2013.01)

Citation (search report)

See references of WO 2011053222A1

Designated contracting state (EPC)

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