

**PATENT N°: EP 1979895 B1**

Jurisdiction: EP

<b>Name of the Evaluator</b>
<b>Lead Evaluator</b>
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The above mentioned Evaluator hereby declares that the following claim(s):

- Claim 24
- Claim 48


in the above referenced patent, registered in Europe and validated in the countries of AT, BE, CH/LI, DE, DK, ES, FI, FR, GB, GR, IE, IT, NL, PL, PT, SE, TR, is(are) essential to making, using in, selling within, or importing into, the countries of registration, any 3GPP product (the applicable Product Categories are given below) that is or purports to be in compliance with the following parts of the Third Generation Partnership Program (3GPP) technical standards:

- Document 3GPP TS 26.447 V12.1.0 (2014-12): Sections 1, 4, 5.3.1, 5.3.1.1, 5.3.1.3 and 5.3.1.3.2

Claim 24 is relevant for 3GPP Terminal Products and 3GPP Base Station Products.  
Claim 48 is relevant for 3GPP Terminal Products and 3GPP Base Station Products.

**Authorized signature and date**

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**(54) METHOD AND DEVICE FOR EFFICIENT FRAME ERASURE CONCEALMENT IN SPEECH CODECS**

VERFAHREN UND EINRICHTUNG ZUM EFFIZIENTEN RAHMENLÖSCHUNGS-VERBERGEN IN SPRACH-CODEX

PROCEDE ET DISPOSITIF DE MASQUAGE EFFICACE D'EFFACEMENT DE TRAMES DANS DES CODECS VOCAUX

(84) Designated Contracting States:  
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR**

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(56) References cited:  
**WO-A-01/86637 WO-A-03/102921**  
**WO-A1-03/102921**

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- **ANDERSON K D ET AL: "Pitch Resynchronization While Recovering from a Late Frame in a Predictive Speech Decoder" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON SPOKEN LANGUAGE PROCESSING, 17 September 2006 (2006-09-17), pages 245-248, XP003009933**
- **CHIBANI ET AL: "RESYNCHRONIZATION OF THE ADAPTIVE CODEBOOK IN A CONSTRAINED CELP CODEC AFTER A FRAME ERASURE" PROCEEDINGS INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, ICASSP 2006, 16 May 2006 (2006-05-16), pages 1-4, XP002547395 Toulouse, France**

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