

Title (en)

Method, apparatus and system for embedding data in and extracting data from encoded voice code

Title (de)

Verfahren, Vorrichtung und Einrichtung zur Einbettung von Daten in kodierte Sprache und Extrahierung von Daten aus kodierter Sprache

Title (fr)

Méthode, dispositif et système d'intégration et d'extraction de données d'un codeur de la parole

Publication

**EP 1333424 A3 20050713 (EN)**

Application

**EP 03250682 A 20030203**

Priority

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- JP 2003015538 A 20030124

Abstract (en)

[origin: EP1333424A2] When a voice encoding apparatus embeds any data in encoded voice code, the apparatus determines whether data embedding condition is satisfied using a first element code from among element codes constituting the encoded voice code, and a threshold value. If the data embedding condition is satisfied, the apparatus embeds optional data in the encoded voice code by replacing a second element code with the optional data. When a voice decoding apparatus extracts data that has been embedded in encoded voice code, the apparatus determines whether data embedding condition is satisfied using a first element code from among element codes constituting the encoded voice code, and a threshold value. If the data embedding condition is satisfied, the apparatus determines that optional data has been embedded in the second element code portion of the encoded voice code and extracts this embedded data. <IMAGE>

IPC 1-7

**G10L 19/00**; H04Q 7/22; H04M 3/50

IPC 8 full level

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CPC (source: EP)

**G10L 19/018** (2013.01); **G10L 19/04** (2013.01)

Citation (search report)

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- [X] WO 0167671 A2 20010913 - MEYER THOMAS W [US], et al
- [X] EP 0909081 A2 19990414 - NORTHERN TELECOM LTD [CA]
- [XA] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 01 31 January 2000 (2000-01-31)

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