

Title (en)

Embedding data in encoded voice and extracting data from encoded voice

Title (de)

Einbettung von Daten in kodierte Sprache und Extrahierung von Daten aus kodierter Sprache

Title (fr)

Intégration de données dans la parole codé et extraction de données de la parole codé

Publication

EP 1333424 B1 20091209 (EN)

Application

EP 03250682 A 20030203

Priority

- JP 2002026958 A 20020204
- 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 8 full level

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CPC (source: EP)

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

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EP 1020848 A2 20000719 - LUCENT TECHNOLOGIES INC [US]

Cited by

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EP 1333424 A2 20030806; **EP 1333424 A3 20050713**; **EP 1333424 B1 20091209**; CN 100514394 C 20090715; CN 1437169 A 20030820; DE 60330413 D1 20100121; DE 60330716 D1 20100204; EP 1693832 A2 20060823; EP 1693832 A3 20070620; EP 1693832 B1 20091223; JP 2003295879 A 20031015; JP 4330346 B2 20090916

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