

Title (en)

Reducing sparseness in coded speech signals

Title (de)

Erhöhung der Dichte von kodierten Sprachsignalen

Title (fr)

Réduction de la dispersion dans les signaux vocaux codés

Publication

EP 1267330 A1 20021218 (EN)

Application

EP 02013526 A 19980825

Priority

- EP 98940752 A 19980825
- US 5775297 P 19970902
- US 3459098 A 19980304
- US 11098998 A 19980707

Abstract (en)

Sparseness is reduced in an input digital signal which includes a first sequence of sample values. An output digital signal is produced in response to the input digital signal. The output digital signal includes a second sequence of sample values, which second sequence of sample values has a greater density of non-zero sample values than the first sequence of sample values. <IMAGE>

IPC 1-7

G10L 19/12

IPC 8 full level

G10L 19/14 (2006.01); **G10L 19/18** (2013.01); **G10L 19/00** (2006.01); **G10L 19/002** (2013.01)

CPC (source: EP)

G10L 19/18 (2013.01); **G10L 19/002** (2013.01)

Citation (search report)

- [A] EP 0709827 A2 19960501 - MITSUBISHI ELECTRIC CORP [JP]
- [A] WO 9618185 A1 19960613 - MOTOROLA INC [US]
- [A] WO 9113432 A1 19910905 - UNIV SHERBROOKE [CA]
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 557 (P - 1626) 7 October 1993 (1993-10-07)
- [PA] HAGEN ET AL: "Removal of sparse-excitation artifacts in CELP", INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, XX, XX, vol. 1, 12 May 1998 (1998-05-12), pages 145 - 148, XP002083369 & US 5806037 A 19980908 - SOGO AKIRA [JP]

Designated contracting state (EPC)

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