

Title (en)

Silence compression coding/decoding method and device

Title (de)

Verfahren und Vorrichtung zur komprimierenden und Kodierung/Dekodierung von Stille

Title (fr)

Procédé et dispositif de codage/décodage à compression de silence

Publication

**EP 0996112 A2 20000426 (EN)**

Application

**EP 99120614 A 19991018**

Priority

JP 29815298 A 19981020

Abstract (en)

A silence compression coding / decoding method and device of the same enables sound quality of background noise at the time of decoding and transmission efficiency to be improved while selecting either silence compression coding processing or regular coding processing corresponding to background noise level of input speech signal in digital image / speech transmission. A background noise measuring section compares background noise component level 'Sm' in every input frame with discrimination threshold value data 'Srf' in background noise level discrimination section.

When the background noise component level 'Sm' exceeds the discrimination threshold value data 'Srf', switches SW1, SW2 select coder (regular coding processing). When the background noise component level 'Sm' does not exceed the discrimination threshold value data 'Srf', switches SW1, SW2 select silence compression correspondence coder (silence compression coding processing). Thus each result of selection is transmitted to decoder. The decoder implements either regular decoding processing or decompression decoding processing according to in-active / active flag stored in frame transmitted from a silence compression coding selector. When the background noise level is large, the device reduces sound quality deterioration of the background noise at the time of decoding while implementing regular coding processing. <IMAGE>

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**G10L 19/00**

IPC 8 full level

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CPC (source: EP)

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Cited by

CN110325470A; US6954745B2; US7653539B2; US7010483B2; US7072833B2; US7035790B2; WO2017039422A3; US10803877B2; US11380338B2

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