

Title (en)

Discontinuous comfort noise transmission

Title (de)

Diskontinuierliche Übertragung von Hintergrundrauschen

Title (fr)

Transmission discontinue de bruit de confort

Publication

EP 1204093 A1 20020508 (EN)

Application

EP 01304280 A 20010514

Priority

US 70449900 A 20001102

Abstract (en)

Communication links between elements of a communication system are used more efficiently by transmitting comfort noise messages discontinuously. When periods of silence or messages containing comfort noise are detected, a single comfort noise message is transmitted rather than a long sequence of comfort noise messages. As a result, the bandwidth of communication links is not wasted by sending large numbers of messages containing comfort noise. The comfort noise is reconstructed at a communication element receiving the reduced number of messages by generating new comfort noise messages to replace the missing comfort noise messages. One method of regenerating comfort noise messages is to simply repeat the most recently received comfort noise message until a new comfort noise message is received.

IPC 1-7

G10L 19/00

IPC 8 full level

G10L 19/012 (2013.01)

CPC (source: EP)

G10L 19/012 (2013.01)

Citation (search report)

- [A] EP 0768770 A1 19970416 - FRANCE TELECOM [FR]
- [A] BENYASSINE A ET AL: "ITU-T RECOMMENDATION G.729 ANNEX B: A SILENCE COMPRESSION SCHEME FOR USE WITH G.729 OPTIMIZED FOR V.70 DIGITAL SIMULTANEOUS VOICE AND DATA APPLICATIONS", IEEE COMMUNICATIONS MAGAZINE, IEEE SERVICE CENTER, PISCATAWAY, N.J, US, vol. 35, no. 9, 1 September 1997 (1997-09-01), pages 64 - 73, XP000704425, ISSN: 0163-6804

Cited by

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Designated contracting state (EPC)

DE FR GB IT

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