

Title (en)

Method for detecting a noisy wanted signal

Title (de)

Verfahren zur Ermittlung eines verrauschten Nutzsignals

Title (fr)

Procédé de détection d'un signal utile bruité

Publication

**EP 0518742 B1 19980415 (FR)**

Application

**EP 92401553 A 19920605**

Priority

FR 9107323 A 19910614

Abstract (en)

[origin: EP0518742A1] In order to detect a noisy wanted signal, a measurement of the expected S/N ratio of this signal is taken over one time slice, a measurement of the estimated white noise alone is taken over another time slice without wanted signal, the mean energy of the noise and of the noisy signal are calculated, each in its time slice, the theoretical detection threshold and the ratio of these two energies are calculated, and the ratio is compared with the calculated threshold, this threshold being greater than 1 (ideal threshold).

IPC 1-7

**G10L 3/00**

IPC 8 full level

**G10L 25/78** (2013.01)

CPC (source: EP US)

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Cited by

US5819222A; CN104316915A; US5848388A; FR2704111A1; EP0620546A3; US5511009A; US6230128B1; WO9422131A3

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