

Title (en)
Terminal for mobile radio.

Title (de)
Mobilfunkendgerät.

Title (fr)
Terminal pour radio mobile.

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Priority

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Abstract (en)
[origin: EP0644527A2] The invention relates to a mobile radio terminal with a speech processing device for processing speech signals (x(i)) comprising noise and speech signal components. An estimating device (7) for continuous formation of estimated values (SNR(i)) of the signal-to-noise power ratio of the speech signals (x(i)) is provided through means for - determining the power values of speech signal sample values, - smoothing the power values, - determining in each case the minimum of a group of L consecutive smoothed power values (Px,s(i)), the groups following on continuously from one another and containing at least enough smoothed power values (Px,s(i)) to ensure that in each case all smoothed power values (Px,s(i)) associated with any given phoneme of the speech signal (x(i)) can be captured by a single group, - forming a current estimated value (SNR(i)) of the signal-to-noise power ratio from the current smoothed power value and the last determined minimum. <IMAGE>

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G10L 3/02

IPC 8 full level
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CPC (source: EP)
G10L 21/0208 (2013.01); **G10L 2021/02166** (2013.01)

Citation (search report)

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- [A] US 4628529 A 19861209 - BORTH DAVID E [US], et al
- [A] DE 9212439 U1 19921126
- [A] ANONYMOUS: "Method of Endpoint Detection.", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 34, no. 9, NEW YORK, US, pages 267 - 269

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