

Title (en)  
Terminal for mobile radio

Title (de)  
Mobilfunkendgerät

Title (fr)  
Terminal pour radio mobile

Publication  
**EP 0644527 B1 20000517 (DE)**

Application  
**EP 94202647 A 19940914**

Priority  

- EP 94202647 A 19940914
- DE 4421853 A 19940622
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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  $(P_{x,s(i)})$ , the groups following on continuously from one another and containing at least enough smoothed power values  $(P_{x,s(i)})$  to ensure that in each case all smoothed power values  $(P_{x,s(i)})$  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>

IPC 1-7  
**G10L 21/02**

IPC 8 full level  
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