

Title (en)  
NOISE SUPPRESSION PROCESS AND DEVICE

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR GERÄUSCHUNTERDRÜCKUNG

Title (fr)  
PROCEDE ET DISPOSITIF POUR ATTENUER LE BRUIT

Publication  
**EP 1869671 A1 20071226 (DE)**

Application  
**EP 06725716 A 20060412**

Priority

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- DE 102005032079 A 20050708

Abstract (en)

[origin: WO2006114368A1] A noise suppression process comprising a first decoded signal portion (SCELP) and a second decoded signal portion (STDAC) which involves determining a first energy envelope generating curve (ENVCELP) and a second energy envelope generating curve (ENVTDAC) of the first signal portion and of the second decoded signal portion. The process then involves forming an identification number (R) depending on a comparison of the first and second energy envelope generating curves, deriving an amplification factor (G) which depends on the identification number. An independent claim is also included for the device e.g. communication equipment.

[origin: WO2006114368A1] A noise suppression process (S\_OUT) for a decoded signal comprising a first decoded signal portion (S\_CELP) and a second decoded signal portion (S\_TDAC) has the following steps: determining a first energy envelope generating curve (ENV\_CELP) and a second energy envelope generating curve (ENV\_TDAC) of the first signal portion (S\_CELP) and of the second decoded signal portion (S\_TDAC); forming an identification number (R) depending on a comparison of the first and second energy envelope generating curves (ENV\_CELP, ENV\_TDAC); deriving an amplification factor (G) which depends on the identification number (R); advantageously multiplying the second decoded signal portion by the amplification factor, which leads to the desired reduction of pre-echo and post-echo interference noises.

IPC 8 full level  
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Citation (search report)  
See references of WO 2006114368A1

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EP 1953739 A3 20081008; EP 1953739 B1 20140604; ES 2327566 T3 20091030; JP 2008539456 A 20081113; JP 4819881 B2 20111124;  
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