

Title (en)

SIGNAL-ANALYSIS DEVICE WITH AT LEAST ONE TENSIONED STRING AND A RECEIVER

Title (de)

SIGNALANALYSEEINRICHTUNG MIT MINDESTENS EINER GESPANNTEN SAITE UND EINEM AUFNEHMER

Title (fr)

DISPOSITIF D'ANALYSE DE SIGNAUX AYANT AU MOINS UNE CORDE TENDUE ET UN RECEPTEUR

Publication

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Application

EP 95901439 A 19941126

Priority

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Abstract (en)

[origin: WO9516984A1] Described is a signal-analysis device (1) with at least one tensioned string (E1, H2, G3, D4, A5, E6) whose oscillating length can be varied by pressing the string against at least one tie-bar, the device also having a receiver (2) and an evaluation unit (3 to 9) connected to the receiver. The aim of the invention is to provide a guitar synthesizer which provides the desired note data relatively rapidly after stimulation of the string. This is achieved by virtue of the fact that the evaluation unit (3 to 9) detects pulses or pulse groups which, following stimulation of the string (E1, H2, G3, D4, A5, E6), pass along the string past the receiver (2), the evaluation unit generating from the sequence of pulses or pulse groups a signal which represents a note.

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G10H 3/18

IPC 8 full level

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