

Title (en)

Electronic stringed instrument.

Title (de)

Elektronisches Saiteninstrument.

Title (fr)

Instrument de musique à cordes électronique.

Publication

EP 0284047 B1 19940302

Application

EP 88104659 A 19880323

Priority

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Abstract (en)

[origin: EP0284047A2] When picking of a string is performed, the vibration of the string is detected by string trigger switches (TSW) accurately and quickly. When a fret operation position is changed during generation of a musical tone from musical tone generating circuit (60) caused by the string picking, the pitch of the musical tone is changed according to outputs of fret switches (FSW) to the one corresponding to the new fret operation position without generating a new musical tone. When the same string is stroked successively, the succeeding musical tone is generated while keeping the reverberation of the previous musical tone under the control of microcomputer (30). The musical tone once generated will be stopped from being generated upon elapse of a predetermined time from the beginning of the tone generation, irrespective of the type of its timbre. When a change of a fret operation state is detected by switch status detection circuit (50) to change to an open-string operation state after the string picking, the generation of the musical tone being generated from circuit (60) stops at that timing. When this change occurs, it is selectable whether the generation of the musical tone is to be stopped or its pitch is to be changed to the one corresponding to the open-string operation state. The generated musical tone can freely be stopped from being generated through a manual operation.

IPC 1-7

G10H 3/18; **G10H 1/34**

IPC 8 full level

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