Title (en)

POLYPHONIC APPARATUS TO ANALYZE THE FINGERING OF A STRINGED MASTER INSTRUMENT

Publication

**EP 0142390 B1 19890816 (FR)**

Application

**EP 84401750 A 19840831**

Priority

FR 8314122 A 19830902

Abstract (en)

[origin: EP0142390A1] 1. Polyphonic apparatus to analyse the fingering of a stringed master instrument in order to control a target instrument, the source instrument including a series of strings (61 to 66) presenting a non zero electric resistance and a series of frets (702 to 723) conducting electrically and extending transversally to the strings in the region of the former, characterized in that it comprises means of switching (21) set up to switch in succession a first end (9) of each string between a first source of voltage (V1) and a second supply voltage, each of these strings being connected to the earth by one of the ends of means (701, 70) to connect the other end of the strings to a different source of voltage than said first source of supply voltage, comparator voltage means (24) including a series of inputs linked to each of the frets, which are not segmented (702 to 723) and to the nut (701) and means of analysis and control indicating which fret is at the potential nearest to the first voltage via said string, one end of which is connected to voltage V1.

IPC 1-7

G10H 1/00; G10H 3/18

IPC 8 full level

**G10H 1/00** (2006.01); **G10H 1/34** (2006.01); **G10H 3/18** (2006.01)

CPC (source: EP)

**G10H 1/0058** (2013.01); **G10H 1/342** (2013.01); **G10H 3/18** (2013.01); G10H 2210/225 (2013.01)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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