Title (en)

A microprocessor device for selection and recognition of musical pieces

Title (de)

Vorrichtung mit Mikroprocessor zur Auswahl und Erkennung von Musikstücken

Title (fr)

Dispositif à microprocesseur pour la sélection et la reconnaissance de morceaux de musique

Publication

EP 0731446 B1 20010704 (EN)

Application

EP 95830083 A 19950308

Priority

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Abstract (en)

[origin: EP0731446A1] The invention relates to a microprocessor device for the selection and recognition of musical pieces, comprising means for generating musical notes connected to a governing microprocessor which by means of memories containing a plurality of libraries of reference pieces, compares an inputting musical piece with other pieces present in the libraries; which microprocessor, through a plurality of sequential phases, is able to recognise and identify the inputted notes and pair them with an identical piece in the libraries. Where no identical piece is found, a further phase, working on a basis of an error threshold, can identify musical pieces which are not identical to the inputted piece. <IMAGE>

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G10H 1/00

IPC 8 full level

G10H 1/00 (2006.01)

CPC (source: EP)

G10H 1/0033 (2013.01); G10H 2240/141 (2013.01)

Cited by

US7363278B2; EP2688063A3; EP1247214A4; FR2815760A1; EP0944033A1; EP1417584A4; EP1449103A4; US9087500B2; US10025841B2; WO0208943A3; US9608824B2; US10698952B2; US7500007B2; US10194187B2; US9785757B2; US10181015B2

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