

Title (en)

Musical instrument digital interface with speech capability

Title (de)

MIDI Schnittstelle mit Sprachfähigkeit

Title (fr)

Interface MIDI avec capacité vocale

Publication

**EP 1017039 A1 20000705 (EN)**

Application

**EP 99480122 A 19991125**

Priority

- EP 99480122 A 19991125
- EP 98480102 A 19981229

Abstract (en)

A method for electronic generation of sounds, based on the notes in a musical scale, including assigning respective sounds to the notes, such that each sound is perceived by a listener as qualitatively distinct from the sound assigned to an adjoining note in the scale. An input is received indicative of a sequence of musical notes, chosen from among the notes in the scale, and an output is generated responsive to the sequence, in which the qualitatively distinct sounds are produced responsive to the respective notes in the sequence at respective musical pitches associated with the respective notes. <IMAGE>

IPC 1-7

**G10H 1/00**; **G10H 1/26**

IPC 8 full level

**G10H 1/00** (2006.01); **G10H 1/26** (2006.01)

CPC (source: EP)

**G10H 1/0066** (2013.01); **G10H 1/26** (2013.01); **G10H 2230/201** (2013.01); **G10H 2240/251** (2013.01)

Citation (search report)

- [XY] US 5471009 A 19951128 - OBA HARUO [JP], et al
- [Y] US 4733591 A 19880329 - KANEKO MAKOTO [JP], et al
- [PX] US 5915237 A 19990622 - BOSS DALE [US], et al
- [A] EP 0509812 A2 19921021 - PIONEER ELECTRONIC CORP [JP]

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1017039 A1 20000705**; **EP 1017039 B1 20060816**

DOCDB simple family (application)

**EP 99480122 A 19991125**