

Title (en)
A CIRCUIT FOR AN ELECTRONIC MUSICAL INSTRUMENT

Publication
EP 0176670 A3 19880504 (DE)

Application
EP 85108252 A 19850703

Priority
DE 3432582 A 19840905

Abstract (en)
[origin: US4628790A] The realism by which the sound produced by various musical instruments may be electronically simulated is enhanced by the storage of digital data commensurate with scanning values of several periods of a note including the release portion thereof. Command words are also memorized and, in response to the reading of a command word and the state of the input command to the instrument by the player, indicative of whether the note is to be sustained or terminated, the reading of a command word may cause the addressing of the waveform memory to be jumped to the release portion where the read-out will be continued from a scanning value approximately equal to the value read immediately prior to the reading of the command word. The waveform memory may contain a segment of the sustain portion of the note which will be repetitively read so long as the player's input command indicates that the note is to be sustained, the repetition also being in response to memorized command words.

IPC 1-7
G10H 7/00

IPC 8 full level
G10H 7/02 (2006.01); **G10H 7/00** (2006.01); **G10H 7/06** (2006.01)

CPC (source: EP US)
G10H 7/06 (2013.01 - EP US); **Y10S 84/10** (2013.01 - EP US)

Citation (search report)

- [A] WO 8103236 A1 19811112 - NORLIN IND INC [US]
- [A] GB 2129996 A 19840523 - NIPPON MUSICAL INSTRUMENTS MFG

Cited by
US7413485B2

Designated contracting state (EPC)
FR GB IT NL

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DE 3432582 C1 19850912; EP 0176670 A2 19860409; EP 0176670 A3 19880504; JP S6177095 A 19860419; US 4628790 A 19861216

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