

Title (en)

Large scale integrated circuit generator chip for electronic organ.

Title (de)

Hochintegrierte Generatorschaltung für elektronische Orgel.

Title (fr)

Circuit générateur pour orgue électronique intégré à grande échelle.

Publication

EP 0011921 A1 19800611 (EN)

Application

EP 79302241 A 19791017

Priority

US 96298178 A 19781122

Abstract (en)

An electronic organ or the like is provided with a plurality of large scale integrated circuit (LSI) chips (10-30), each of which has six tone generators (50) capable of generating a frequency corresponding to any note on the organ. In accordance with a preferred embodiment of the invention a sufficient number of these chips (10-30) is provided so that there is one note generator for each key of the organ. Each chip (10-30) is assigned to one half octave of the keyboard, whereby outputs are in one half octave note groupings. This allows for filtering of the square waves generated to provide a very high quality flute tone.

IPC 1-7

G10H 5/04; G10H 1/32; H01L 27/02

IPC 8 full level

G10H 5/00 (2006.01); **G10H 1/32** (2006.01); **G10H 5/04** (2006.01)

CPC (source: EP)

G10H 1/32 (2013.01); **G10H 5/04** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE GB IT NL

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