

Title (en)  
DIGITAL SEMICONDUCTOR CIRCUIT FOR AN ELECTRONIC ORGAN

Publication  
**EP 0030034 B1 19850605 (DE)**

Application  
**EP 80107529 A 19801202**

Priority  
DE 2948769 A 19791204

Abstract (en)  
[origin: US4357853A] Digital semiconductor circuit having a plurality of control inputs addressed via a keyboard corresponding to the number of keys on an organ keyboard, as well as having a plurality of audio signal inputs addressable by an oscillator arrangement with periodic electrical oscillations, each control input being permanently assigned to a key of the keyboard and each audio signal input of an audio frequency, and further having respective audio frequency outputs provided for driving an electroacoustical transducer, the control inputs being addressable by control signals corresponding to the logic levels, including a clock-controlled shift register operated as a parallel-to-series converter and having respective cells to which the respective control inputs are assigned, the shift register having a signal output, a switching system controllable by the signal output of the shift register and by clock pulses provided for the operation of the shift register, the switching system having the totality of the audio signal inputs, the audio frequency outputs being less in number than that of the control inputs, and a respective amplitude former or controller assigned to each of the audio signal outputs, the amplitude formers or controllers having outputs connected to the electroacoustic transducer.

IPC 1-7  
**G10H 1/18**; **G10H 5/06**

IPC 8 full level  
**G10H 7/00** (2006.01); **G10H 1/18** (2006.01); **G10H 5/06** (2006.01)

CPC (source: EP US)  
**G10H 1/183** (2013.01 - EP US); **G10H 5/06** (2013.01 - EP US)

Cited by  
EP0343958A3; US5009147A

Designated contracting state (EPC)  
FR GB

DOCDB simple family (publication)  
**EP 0030034 A2 19810610**; **EP 0030034 A3 19830330**; **EP 0030034 B1 19850605**; DE 2948769 A1 19810611; JP S5692597 A 19810727; US 4357853 A 19821109

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**EP 80107529 A 19801202**; DE 2948769 A 19791204; JP 17193980 A 19801204; US 21037380 A 19801126