

Title (en)
TONE GENERATOR

Publication
EP 0052236 B1 19850502 (DE)

Application
EP 81108368 A 19811015

Priority
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Abstract (en)
[origin: US4516113A] Semiconductor circuits for the automatic generation of tone sequences of different tones. A bistable switch having a control input activated by start signal controls a voltage stabilizing circuit which in turn controls an RC-oscillator. Several frequency dividers are driven by the oscillator for producing divider outputs as tone signal outputs furnishing individual tone frequencies corresponding to the tone sequences to be produced. A general cycle control has inputs controlled by the first divider output. Modulator modules driven by the cycle control and by the tone signal outputs, are connected to the digital-to-analog converters which produce tone signal outputs that correspond to the individual tone frequencies. The digital-to-analog converters have outputs that are jointly connected to an electro-acoustic transducer, such as a loudspeaker.

IPC 1-7
G10K 9/13; G08B 3/10; G10H 1/26

IPC 8 full level
G10H 5/00 (2006.01); **B06B 1/02** (2006.01); **G08B 3/10** (2006.01); **G10H 1/26** (2006.01); **G10K 9/13** (2006.01); **G10K 15/04** (2006.01)

CPC (source: EP US)
B06B 1/0276 (2013.01 - EP US); **G10H 1/26** (2013.01 - EP US)

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EP 81108368 A 19811015; DE 3170322 T 19811015; JP 18514481 A 19811118; US 31325381 A 19811021