

Title (en)

Method and apparatus for generating noise, in particular switching-noise

Title (de)

Verfahren und Vorrichtung zum Erzeugen von Geräuschen, insbesondere von Schaltgeräuschen

Title (fr)

Procédé et dispositif pour générer du bruit, en particulier le bruit de commutation

Publication

EP 1014336 A3 20040204 (DE)

Application

EP 99124031 A 19991209

Priority

DE 19860113 A 19981223

Abstract (en)

[origin: EP1014336A2] The switching noise generation method has a number of frequency values read out sequentially from a memory (1) and converted into corresponding electrical signal frequencies, which are supplied to an electroacoustic transducer (4) for providing an audible switching indication. An Independent claim for a switching noise generation device is also included.

IPC 1-7

G10K 15/02

IPC 8 full level

G10K 15/02 (2006.01)

CPC (source: EP)

G10K 15/02 (2013.01)

Citation (search report)

- [XA] US 4934239 A 19900619 - TSAI M K [TW]
- [A] DE 19641493 A1 19980423 - MANNESMANN VDO AG [DE]
- [AP] EP 0955626 A2 19991110 - VALEO ELECTRONICS GMBH & CO KG [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 277 (P - 1546) 27 May 1993 (1993-05-27)

Cited by

US9900705B2; WO2015112608A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1014336 A2 20000628; EP 1014336 A3 20040204; DE 19860113 A1 20000706; DE 19860113 B4 20040318

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