

Title (en)

Stabilisation of the system-clock pulse in a hearing aid

Title (de)

Stabilisierung des Systemtaktes bei einem Hörhilfegerät

Title (fr)

Stabilisation de la cadence du système dans une prothèse auditive

Publication

**EP 1624723 B1 20120530 (DE)**

Application

**EP 05107054 A 20050729**

Priority

DE 102004037379 A 20040802

Abstract (en)

[origin: EP1624723A2] A clock generator (8) generates a system clock hearing frequency varying within a specific range from a predetermined target value. A receiving unit (14) receives a periodic electromagnetic signal from a remote controller (9) including a quartz crystal (13), to stabilize frequency of the system clock by reducing variation in frequency of the system clock from the target value. Alternatively, the quartz crystal may be in a timepiece, or signals from a standard time transmitter may be employed. An independent claim is also included for operation method of hearing aid.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/558** (2013.01 - EP US); **H04R 25/70** (2013.01 - EP US); **H04R 25/505** (2013.01 - EP US); **H04R 2420/07** (2013.01 - EP US)

Cited by

US8588443B2

Designated contracting state (EPC)

CH DE DK FR GB LI

DOCDB simple family (publication)

**EP 1624723 A2 20060208**; **EP 1624723 A3 20090520**; **EP 1624723 B1 20120530**; DK 1624723 T3 20120903; US 2006023906 A1 20060202; US 7577268 B2 20090818

DOCDB simple family (application)

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