

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)

EP 05107054 A 20050729; DK 05107054 T 20050729; US 19493205 A 20050802