

Title (en)

System, hearing aid, and method for improving synchronization of an acoustic signal to a video display

Title (de)

System, Hörgerät und Verfahren zur Verbesserung der Synchronisierung eines akustischen Signals mit einer Videoanzeige

Title (fr)

Système, appareil auditif et procédé d'amélioration de la synchronisation d'un signal acoustique à un affichage vidéo

Publication

**EP 2611217 A1 20130703 (EN)**

Application

**EP 12166569 A 20120503**

Priority

- DK PA201170775 A 20111230
- US 201213355189 A 20120120

Abstract (en)

The present invention relates to a system 2, a hearing aid 4 and a method 40 for improving synchronization of an acoustic signal to a video display. The system 2 comprises a hearing aid 4 and a delay unit 6 that may be integrated in the hearing aid 4. The hearing aid 4 is configured for receiving a first audio signal intended for synchronous (i.e. at least substantially synchronous) presentation to a viewer of the video display. The hearing aid 4 is configured for generating a first acoustic signal to be presented to the user of the hearing aid 4. The first acoustic signal comprises at least a first part being generated in response to the first audio signal. The delay unit 6 is configured for applying a delay, such that synchronization of the at least first part of the first acoustic signal to the video display is improved.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP)

**H04R 25/55** (2013.01); **H04R 2225/41** (2013.01)

Citation (search report)

- [XYI] US 5794201 A 19980811 - NEJIME YOSHITO [JP], et al
- [YA] EP 2071849 A1 20090617 - SONY CORP [JP]
- [A] US 2005069162 A1 20050331 - HAYKIN SIMON [CA], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

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