

Title (en)

Device for sonic stereo reproduction.

Title (de)

Einrichtung zur stereophonen Wiedergabe.

Title (fr)

Dispositif pour la reproduction stéréophonique.

Publication

EP 0642292 A3 19951025 (DE)

Application

EP 94106301 A 19940422

Priority

DE 4327200 A 19930813

Abstract (en)

[origin: EP0642292A2] In a device for stereophonic reproduction in a closed space, preferably in a motor vehicle, having a number of loudspeakers and at least one listening location which can be located at different distances from the loudspeakers, audio signals provided for reproduction with the aid of the individual loudspeakers pass through delay devices, the delay time of which is adjustable. Means for measuring the sound propagation times from the individual loudspeakers to the listening location are provided, the delay times being automatically adjustable in such a manner that the sum of the sound propagation time and the delay time set in each case is identical for all loudspeakers. <IMAGE>

IPC 1-7

H04S 5/02

IPC 8 full level

H04R 1/40 (2006.01); **H04R 3/00** (2006.01); **H04R 5/02** (2006.01); **H04S 5/02** (2006.01); **H04S 7/00** (2006.01)

CPC (source: EP)

H04S 7/301 (2013.01); **H04R 5/02** (2013.01); **H04R 2499/13** (2013.01); **H04S 7/302** (2013.01); **H04S 7/307** (2013.01)

Citation (search report)

- [XA] EP 0504562 A1 19920923 - NOKIA DEUTSCHLAND GMBH [DE]
- [XA] DE 4013398 A1 19901031 - FUJITSU TEN LTD [JP]
- [XA] DE 4125893 A1 19920312 - KOENIG FLORIAN [DE]

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US7218740B1; EP1253806A3; EP1545156A3; DE19580412C1; EP1056310A3; US7477750B2

Designated contracting state (EPC)

DE ES FR GB IT PT

DOCDB simple family (publication)

DE 4327200 A1 19950223; DE 59409802 D1 20010823; EP 0642292 A2 19950308; EP 0642292 A3 19951025; EP 0642292 B1 20010718; ES 2160603 T3 20011116; JP 3677059 B2 20050727; JP H0787598 A 19950331; PT 642292 E 20020130

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DE 4327200 A 19930813; DE 59409802 T 19940422; EP 94106301 A 19940422; ES 94106301 T 19940422; JP 19053694 A 19940812; PT 94106301 T 19940422