

Title (en)

ARRANGEMENT FOR REPRODUCTION OF A SOUND RECORDING BY HEADPHONES

Publication

EP 0040739 B1 19870826 (DE)

Application

EP 81103539 A 19810508

Priority

- DE 3017854 A 19800509
- DE 3112874 A 19810331

Abstract (en)

[origin: US4589128A] A process for the reproduction of a sound recording using headphones as the reproduction device, comprising connecting between the sound carrier and the reproduction device a reverberation reproducer, producing reverberation reflections within a period of approximately 50 ms, at least some of which if triggered by pulses occurring simultaneously in both channels of the sound carrier are delivered at time intervals from each other so that they are perceived by the listener as sound-intense signal reflections by themselves, at least some of the single reflections consisting of two pulses being triggered by a direct sound pulse from a channel of the sound carrier and of which the first is emitted over the channel of the reproduction devices that is assigned to the corresponding sound carrier channel and the second is somewhat weaker and is emitted over the other channel of the reproduction devices with a time delay with respect to the first pulse of approximately 0.2 to 1 ms so that reverberation reflections are damped in dependence upon the sound frequency.

IPC 1-7

H04S 1/00; **H04S 5/00**

IPC 8 full level

H04S 1/00 (2006.01); **H04S 5/00** (2006.01)

CPC (source: EP US)

H04S 1/005 (2013.01 - EP US); **H04S 5/00** (2013.01 - EP US); **H04R 2225/43** (2013.01 - EP US); **H04S 2420/05** (2013.01 - EP US)

Cited by

AT394650B; EP1976332A3; US10104480B2; WO9101616A3

Designated contracting state (EPC)

DE FR GB NL SE

DOCDB simple family (publication)

EP 0040739 A1 19811202; **EP 0040739 B1 19870826**; DE 3112874 A1 19820218; DE 3112874 C2 19831215; DE 3176396 D1 19871001; US 4589128 A 19860513

DOCDB simple family (application)

EP 81103539 A 19810508; DE 3112874 A 19810331; DE 3176396 T 19810508; US 51999083 A 19830803