

Title (en)

METHOD OF GENERATING LEFT AND RIGHT SURROUND SOUND SIGNALS ON THE BASIS OF A STEREO SOUND SIGNAL

Title (de)

VERFAHREN ZUR ERZEUGUNG VON LINKEN UND RECHTEN RAUMKLANGSIGNALEN AUF DER BASIS EINES STEREOTONSIGNALS

Title (fr)

PROCEDE DE GENERATION DE SIGNAUX DE SON SURROUND GAUCHE ET DROIT A PARTIR D'UN SIGNAL DE SON STEREO

Publication

EP 2517485 A1 20121031 (FR)

Application

EP 10807709 A 20101221

Priority

- FR 0959554 A 20091223
- FR 2010052864 W 20101221

Abstract (en)

[origin: WO2011077040A1] The invention relates essentially to a method of generating left (Ls) and right (Rs) sound signals known as "surround" signals on the basis of a stereo sound signal composed of a left sound signal and of a right sound signal, characterized in that it comprises the following steps: one of the stereo signals is subtracted from the other signal with the aid of a subtraction module (11) so as to obtain a single subtraction signal (L-R) in which the correlated and in-phase components of the stereo signals (L, R) have been removed, and a right sound signal (Rs) and a left sound signal (Ls) are generated on the basis of the subtraction signal (L-R), these signals being decorrelated with respect to one another and corresponding respectively to the right and left sound "surround" signals, these "surround" signals (Ls, Rs) being in particular intended to be broadcast on the rear channels of an acoustic system.

IPC 8 full level

H04S 5/02 (2006.01)

CPC (source: EP KR US)

H04S 5/02 (2013.01 - EP KR US); **H04S 7/00** (2013.01 - KR)

Citation (search report)

See references of WO 2011077040A1

Cited by

WO2023118078A1

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

DOCDB simple family (publication)

FR 2954654 A1 20110624; FR 2954654 B1 20121012; EP 2517485 A1 20121031; EP 2517485 B1 20141015; KR 101753929 B1 20170704; KR 20120120257 A 20121101; US 2012263327 A1 20121018; US 9204237 B2 20151201; WO 2011077040 A1 20110630

DOCDB simple family (application)

FR 0959554 A 20091223; EP 10807709 A 20101221; FR 2010052864 W 20101221; KR 20127019526 A 20101221; US 201013518923 A 20101221