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

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EP 2517485 A1 20121031 (FR)

Application
EP 10807709 A 20101221

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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.

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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)
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