Title (en)

SYSTEM FOR PRODUCING 3 DIMENSIONAL DIGITAL STEREO SURROUND SOUND NATURAL 360 DEGREES (3D DSSR N-360)

Title (de)

SYSTEM ZUR HERSTELLUNG EINES DREIDIMENSIONALEN DIGITALEN STEREORAUMKLANGS MIT NATÜRLICHEN 360 GRAD (3D-DSSR-N-360)

Title (fr)

SYSTÈME DE PRODUCTION DE SON ENVELOPPANT STÉRÉO NUMÉRIQUE TRIDIMENSIONNEL NATUREL À 360 DEGRÉS (3D DSSR N-360)

Publication

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Application

EP 12800320 A 20120612

Priority

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Abstract (en)

[origin: WO2012172480A2] The present invention discloses a system for producing at least three dimensional digital stereo surround sound output with an angle coverage of 360 degrees without using powered amplifiers at output stage while covering both horizontal and vertical listening layout areas whereby facilitating evenly distributed three dimensional surround effects irrespective of the position of the listener for 360 degree listening experience with immersive surround sound effects. The output audio signal is synchronizes with the actual source in three dimensional space. The present invention is also used with the headphone device to produce three dimensional stereo surround sound effect and provides a soothening effect so that the user hears the so produced surround sound for a very long time. Upon re-recording with a camcorder, the media content having 3 dimensional digital stereo surround sound output, the output video has unrecognisable audio whereby providing an antipiracy mechanism.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2012172480A2

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