

Title (en)

Off-axis audio suppression in an automobile cabin

Title (de)

Außerachsiges Geräuschunterdrückung im Führerraum eines Kraftfahrzeugs

Title (fr)

Suppression audio désaxée dans une cabine automobile

Publication

EP 2551849 A1 20130130 (EN)

Application

EP 11175926 A 20110729

Priority

EP 11175926 A 20110729

Abstract (en)

The suppression of off-axis audio in an audio environment is provided. Off-axis audio may be considered audio that does not originate from a region of interest. The off-axis audio is suppressed by comparing a phase difference between signals from two microphones to a target slope of the phase difference between signals originating from the region of interest. The target slope can be adapted to allow the region of interest to move with the location of a human speaker such as a driver.

IPC 8 full level

G10L 21/02 (2013.01); **H04R 3/00** (2006.01)

CPC (source: EP)

G10L 21/0208 (2013.01); **H04R 3/005** (2013.01); **G10L 2021/02166** (2013.01); **H04R 2410/05** (2013.01); **H04R 2499/13** (2013.01); **H04S 7/303** (2013.01)

Citation (search report)

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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

Designated extension state (EPC)

BA ME

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