

Title (en)

METHOD AND DEVICE FOR DETERMINING A FREQUENCY FOR SAMPLING AN ANALOG SIGNAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG EINER FREQUENZ FÜR DIE ABTASTUNG EINES ANALOGEN SIGNALS

Title (fr)

PROCEDE ET DISPOSITIF SERVANT A DETERMINER UNE FREQUENCE POUR L'ECHANTILLONNAGE D'UN SIGNAL ANALOGIQUE

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Application

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Abstract (en)

[origin: WO2004047063A1] The invention relates to a method and device for determining a frequency for sampling an analog signal, which is provided to a digital display screen (134) for displaying an image on the same. According to the invention, at least two areas (1380 - 1386) that are consecutive in a line direction are firstly established in the image (136) to be displayed. In each of the established areas (1380 - 1386), a sampling phase is determined for which a contrast in the established area (1380 - 1386) is at a maximum or minimum. Afterwards, a local progression of the sampling phase in the line direction is determined on the basis of the determined sampling phases. The sampling frequency is determined on the basis of a fundamental value and on a modification value that is derived from the local progression of the sampling phase.

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