

ABSTRACT

**INTERACTIVE SYSTEM AND METHOD FOR TRANSMITTING KEY
IMAGES SELECTED FROM A VIDEO STREAM OVER A LOW
BANDWIDTH NETWORK**

5

Method and interactive system for the on-line transmission of a high-resolution video sequence composed of a succession of T images, characterized in that it comprises a step of selecting relevant images (13) comprising at least the following steps:

10

➤ Split each image to be transmitted at the instant t into a number N of zones,

➤ For each zone n determined in the previous step, calculate a value representative of the content of said zone,

15

➤ For each image to be transmitted, generate a vector representative of the content of said image containing the values obtained in the previous step,

➤ Calculate a normalized coefficient of correlation α between the reference vector determined for a previously selected image and that calculated for the current image,

20

➤ Make a decision on the selection (or not) of the current image as a function of the value of the normalized correlation coefficient α .

Figure 2



162162



G00002