

VIDEO CONTENT DETECTOR

The invention relates to determining the image content of an incoming bitstream such that various image improvement effects may be accomplished. The invention provides for determining a realness value of an image formed of a plurality of pixels each having associated pixel data by evaluating a spatial distribution of luminance values of the image. Realness values are first determined for subregions of an image frame through an analysis of a luminance histogram generated for each subregion. Subsequently, the subregion realness values are analyzed to generate a total realness value for the image frame and to classify the image content of the image frame.

Fig. 1