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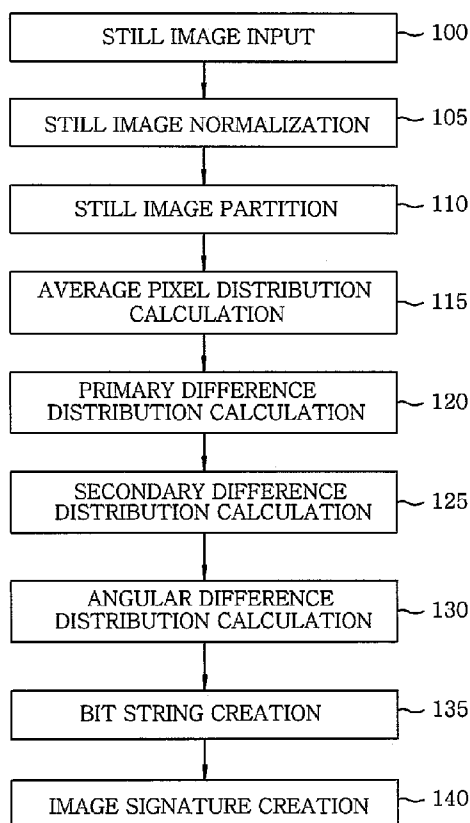
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(54) Title: IMAGE SIGNATURE CREATING METHOD AND APPARATUS FOR DISCRIMINATING STILL IMAGES

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[Fig. 1]



(57) Abstract: An image signature creating method includes: creating a map by partitioning a still image using rings defined by concentric circles radially spaced apart from each other by a predetermined interval and radial lines circumferentially spaced apart from each other by a predetermined angle, the center of the still image being that of the concentric circles; and creating an image signature from the created map on the basis of distribution of pixels in regions defined by the rings and the radial lines. Accordingly, distribution of illegal contents is prevented and interrupted by search for and discrimination of a still image illegally deformed by a copying of or an intended attack on the still image.

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Minimum documentation searched (classification system followed by classification symbols)

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Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

KIPASS(KIPO INTERNAL) " IMAGE, SIGNATURE, CIRCLE"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	KR 1020020070113A(MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) 05 SEPTEMBER 2002 see pages 4 -5, 7, figures 5-6.	1,8,15-16 2-7,9-14
X A	JP 08-504979A(DAUGMAN, John, G.) 28 MAY 1996 see abstract, claim 1, figure 1.	1,8,15-16 2-7,9-14
A	KR1020070042511A(THE UNIVERSITY OF NORTH CAROLINA AT GREENSBORO) 23 APRIL 2007 see abstract, claim 1.	1-16



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See patent family annex.

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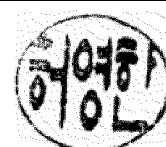
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