

	(19) (12)	(KR) (A)	(11) (43)	10-2010-0038829 2010 04 15
(51)	Int. Cl.	(71)	11-1	
(21)	<i>H04N 9/64</i> (2006.01) 10-2008-0097950			
(22)	2008 10 07 2008 10 07	(72)	72-1	
			5	D-2809
				103-602
		(74) ()		
	: 8			

(54)

(57)

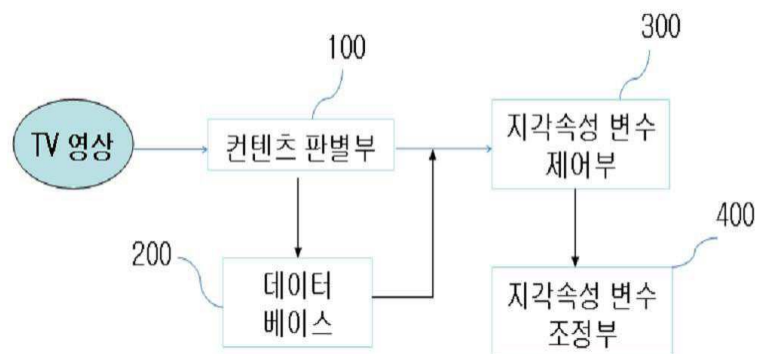
TV

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(72)

					4	43	
	63-24		-301	102-1303			
		168			3	2	101-302
611-1401							
					2		11-801
	2	3	33-503				
	10555						

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[0001] , TV , TV

[0002] , , .

[0003] , , , .

[0004] TV , TV , .

[0005] TV
2-3 .

[0006] , 2006-0046396 , TV .

[0007] , 1995-0060903 TV

[0008] , .

, Level 3 Level 5 () .

[0022] Brightness, Saturation Hue composition ,
1 .

[0023] 1

[0024] 2 , 1 ,

[0025]	1	,	,	Image
Quality	SP-IQ	,	HUE(Hue angle), CFN(Colorfulness), LTN(Lightness)	
CNT(Contrast)		Image Quality	,	.

[0026] , SP-IQ, SP-NN, SP-CN SP-VN , SP
(SPORTS) , IQ Image Quality, NN Naturalness, CN Contrastness, VN Color
Vividness .

[0027]

[0028] 2

[0029]

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[0030]      Image Quality      ,      Image Quality
      ,
      ,      Image Quality
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[0031] , Image Quality Naturalness .

[0032] Image Quality, TV, Contrastness Color Vividness Naturalness.

[0033] , , , , , 2

[0034] , , Image Quality

	Image Quality	Naturalness	, Naturalness
[0035]			

[0036] Naturalness, Image Quality

[0037] 3, 2 Naturalness

[0038] , Naturalness ' ' ' ' ' ' ' '

[0039]

[0040]

[0041]

[0042] 4, 3

[0043]

[0044] $y=0.994x$ $y=0.992x$ $y=0.983x$

[0045] +1.28 -0.17, +0.56, +0.36,

[0046]

[0047] 4

[0048]

[0049] Lightness

[0050]

[0051] Naturalness

[0052] Naturalness

[0053] , Naturalness Image Quality

[0054] , Naturalness Image Quality

[0055] , 3, 4

[0056] 5 , 4 , Image Quality

[0057] , Image Quality 1 (100
%)

[0058] , R- 1 , Image Quality
89.1%

[0059] , 4

[0060] , 4 Naturalness Image Quality
Image Quality

[0061]

[0062] { 1}

	감정속성	IQ 근사식
전쟁	생생한, 대담한, 긴장된	0.33 생생한 + 0.38 대담한 + 0.27 긴장된
뉴스	생생한, 쾌적한, 심플한	0.31 생생한 + 0.29 쾌적한 + 0.40 심플한
애정	생생한, 강렬한, 감각적	1.25 생생한 - 0.36 강렬한 + 0.16 감각적
다큐	생생한, 힘찬, 풍부한	0.51 생생한 + 0.12 힘찬 + 0.35 풍부한
스포츠	생생한, 시원스러운, 활동적	0.44 생생한 + 0.26시원스러운 + 0.3활동적

[0063]

[0064] { 1} , , Image
Quality .

[0065] , Image Quality .

[0066] , , ,

[0067] , ' , , , ,

[0068] , , ,

[0069] , , , , ,

[0070] , ' , ' , , -0.28, +0.12, +0.63, +0.77
-0.16, -1.39, +0.80, +1.51

[0071] , , ,

[0072] , IQ

[0073] { 1} IQ .

[0074] 6 TV

[0075] , TV

[0076] TV , DVD

[0077] (100) TV .

[0078] , TV , EPG

TV

[0079] TV / TV ,

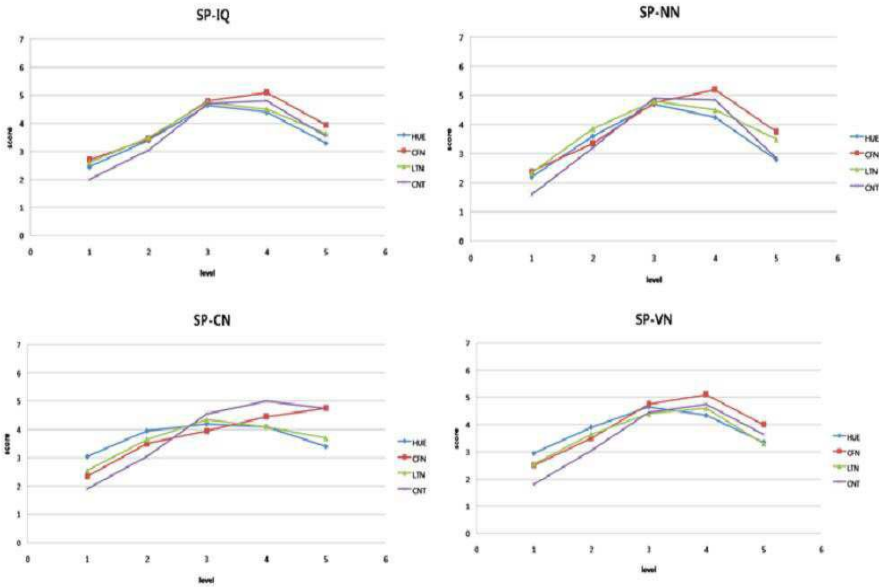
[0080] , , /

[0081]		(200)				IQ(Image Quality)
[0082]		(200)	,	.		
[0083]		'	'	'	'	'
[0084]		(300)		(100)		,
[0085]		(200)	,		IQ	
[0086]		(300)		(100)	(200)	
[0087]		(400)	.			
[0088]		, TV	(400) TV			
[0089]		1 6	,	1 6		,
[0090]	1				.	
[0091]	2				.	
[0092]	3				.	
[0093]	4				.	
[0094]	5 Image Quality	,			.	
[0095]	6	TV				

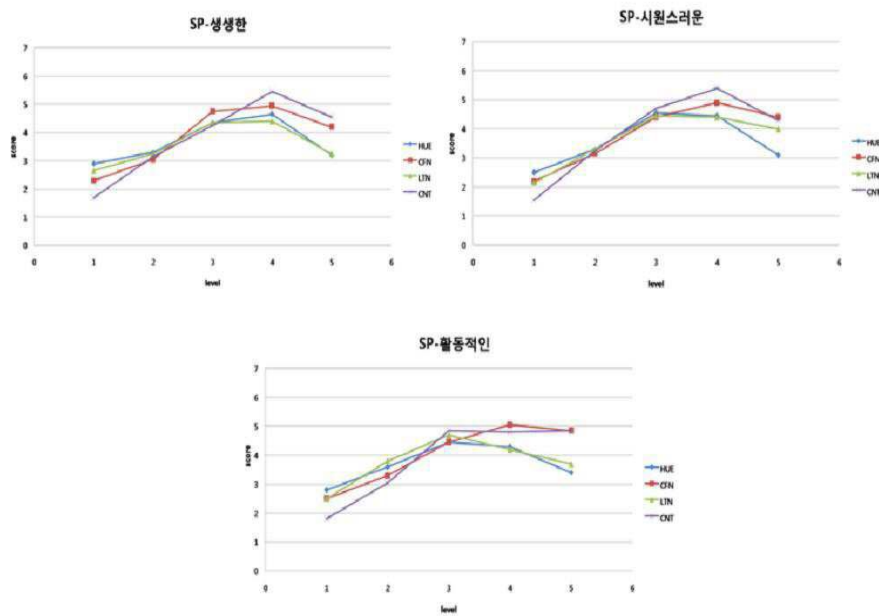
1

	Level 1	Level 2	Level 3 (original)	Level 4	Level 5
Lightness					
Contrast					
Chroma					
Hue angle					

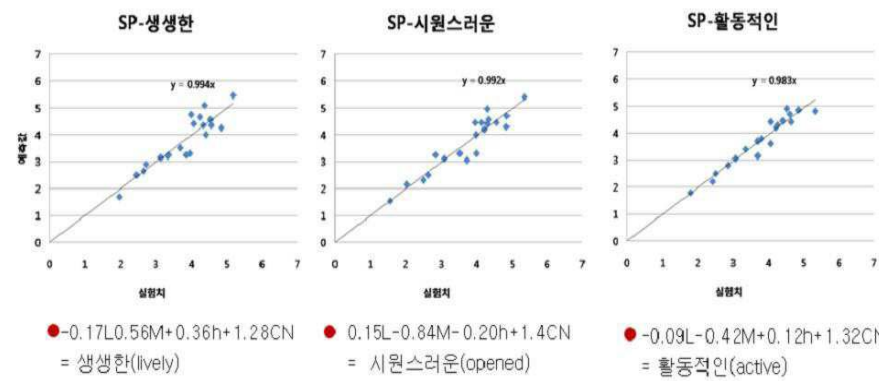
2



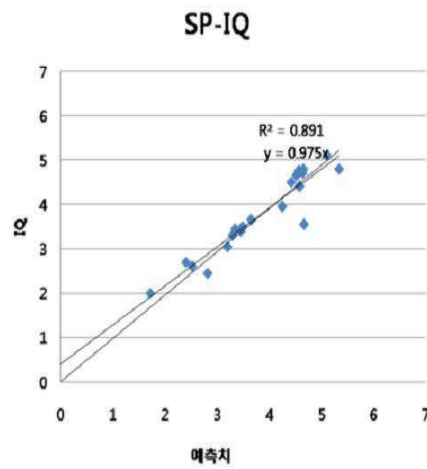
3



4



5



- $0.44\text{생생함} + 0.26\text{시원스러운} + 0.3\text{활동적인} = \text{IQ}$

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