

Title (en)

VIDEO DENSITOMETER WITH DETERMINATION OF COLOR COMPOSITION

Title (de)

VIDEODENSITOMER, DAS EINE BESTIMMUNG VON FARBZUSAMMENSTELLUNGEN ERLAUBT

Title (fr)

DENSITOMETRE VIDEO PERMETTANT DE DETERMINER LA COMPOSITION DES COULEURS

Publication

**EP 0746945 A4 19970827 (EN)**

Application

**EP 94907978 A 19940203**

Priority

- US 9401305 W 19940203
- US 1351593 A 19930204

Abstract (en)

[origin: WO9418800A1] The measurement of gray scale or color composition integrated densities of irregularly shaped areas of a subject specimen (52) is accomplished by using a video camera (54) to derive an analog video image signal representative of the optical intensity of light associated with the specimen. A modified low cost high speed video digitizer (58) converts the video image signal into a digital format which an interactive computer program (64) converts into digital optical density values that are used to determine the net integrated density of each irregularly shaped area within the specimen.

IPC 1-7

**H04N 7/18**

IPC 8 full level

**G01J 3/50** (2006.01); **G01N 21/59** (2006.01); **G01N 30/95** (2006.01); **G06T 7/40** (2006.01); **H04N 1/407** (2006.01); **H04N 1/46** (2006.01); **H04N 7/18** (2006.01)

CPC (source: EP KR)

**G01N 21/5911** (2013.01 - EP); **H04N 7/18** (2013.01 - KR); **G01N 30/95** (2013.01 - EP)

Citation (search report)

- [XY] EP 0437968 A2 19910724 - RES DEV FOUNDATION [US] & US 5194949 A 19930316 - POULSEN LAWRENCE L [US], et al
- [YA] US 3999047 A 19761221 - GREEN JAMES E
- [YA] US 4845552 A 19890704 - JAGGI BRUNO [CA], et al
- [YA] EP 0151974 A2 19850821 - DU PONT [US]
- See references of WO 9418800A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9418800 A1 19940818**; AU 6133994 A 19940829; AU 685087 B2 19980115; CA 2155437 A1 19940818; EP 0746945 A1 19961211; EP 0746945 A4 19970827; FI 953711 A0 19950803; FI 953711 A 19950803; JP H08506896 A 19960723; KR 960701558 A 19960224; NO 952947 D0 19950725; NO 952947 L 19950918; NZ 262032 A 19971024

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