



(51) International Patent Classification:

H04N 5/222 (2006.01) G06T 7/00 (2006.01)
H04N 5/275 (2006.01)

(21) International Application Number:

PCT/EP2013/067873

(22) International Filing Date:

29 August 2013 (29.08.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(71) Applicant: **FAST FORWARD IMAGING GMBH**
[DE/DE]; Melanchthonstr. 23, 10557 Berlin (DE).

(72) Inventors: **ROJAHN, Anna**; Melanchthonstr. 23, 10557 Berlin (DE). **ACHINGER, Till**; Baerwaldstr. 50, 10961 Berlin (DE). **FABRITIUS, Gregor**; Danziger Straße 84, 10405 Berlin (DE).

(74) Agent: **EISENFÜHR SPEISER PATENTANWÄLTE RECHTSANWÄLTE PARTGMBB**; Johannes-Brahms-Platz 1, 20355 Hamburg (DE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

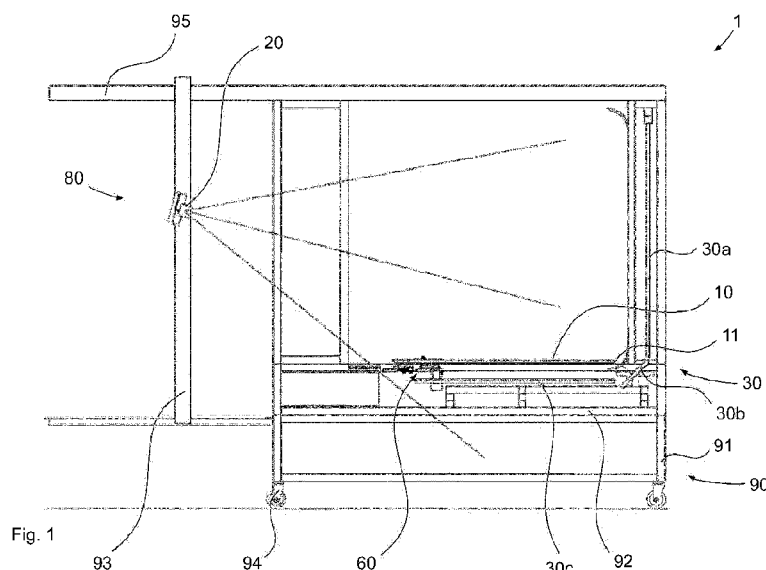
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: A METHOD AND AN APPARATUS FOR OBTAINING AN IMAGE FILE INCLUDING AN ALPHA CHANNEL WITH A PHOTOGRAPHIC CAMERA



(57) Abstract: The invention relates to a method and apparatus for obtaining an image file including an alpha channel using a photographic camera. The method comprises the steps placing an object on a surface of a platform; illuminating a background of an object placed on the platform in a first color; taking a first image of an object; illuminating a background of an object placed on the platform in a second color; taking a second image of an object; creating transparency values between a first transparency value for a transparent pixel and a second transparency value for a non-transparent pixel from said first and second images; characterized by the steps taking a separate image with the photographic camera of an object placed on the platform different from said first and the second image; and creating an image file including an alpha channel based on said separate image and the transparency values obtained from said first and second images.