

Title (en)

IMAGE PROCESSING METHOD FOR INCREASING THE BLURRING OF PIRATED IMAGES

Title (de)

BILDVERARBEITUNGSVERFAHREN ZUR VERGRÖßERUNG DER VERSCHLEIERUNG VON UNRECHTMÄSSIG KOPIERTEN BILDERN

Title (fr)

PROCEDE DE TRAITEMENT D'IMAGES APTE A AUGMENTER LE BROUILLAGE D'IMAGES PIRATES

Publication

**EP 1964399 A1 20080903 (FR)**

Application

**EP 06841464 A 20061219**

Priority

- EP 2006069921 W 20061219
- FR 0553964 A 20051220

Abstract (en)

[origin: WO2007071678A1] An image is broken down in a colour breakdown space. For each broken down source pixel ( $E_{S0j}$ ), if a source point  $P_{S0j}$  is used to represent the end of the colour source vector  $OP_{S0j}$  associated with said source pixel ( $E_{S0j}$ ), component points  $P_{1j}$ ,  $P_{2j}$ , ...,  $P_{kj}$ ,  $P_{nj}$  are used to represent the ends of the colour component vectors  $OP_{1j}$ ,  $OP_{2j}$ , ...,  $OP_{kj}$ , ...,  $OP_{nj}$  associated with component pixels ( $E_{C1j}$ ,  $E_{C2j}$ , ...,  $E_{Ckj}$ , ...,  $E_{Cnj}$ ), and if a boundary sphere having radius  $L_{S0j}$  and centred on point  $P_{S0j}$  is defined, then said breakdown is such that  $P_{S0j}P_{j1} < L_{S0j}$ ,  $P_{S0j}P_{j2} < L_{S0j}$ ,  $P_{S0j}P_{jk} < L_{S0j}$ ,  $P_{S0j}P_{jn} = K_{S0j} \times L_{S0j}$ , where  $K_{S0j} > 0.5$ . The blurring effectiveness is thus substantially enhanced.

IPC 8 full level

**G06T 1/00** (2006.01); **H04N 5/913** (2006.01); **H04N 9/31** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2007071678A1

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