

Title (en)
IMAGE PROCESSING METHOD

Title (de)
BILDVERARBEITUNGSVERFAHREN

Title (fr)
PROCEDE DE TRAITEMENT D'IMAGE

Publication
EP 2003612 A9 20090225 (EN)

Application
EP 06810636 A 20060927

Priority
• JP 2006319145 W 20060927
• JP 2006096984 A 20060331
• JP 2006096985 A 20060331

Abstract (en)
[origin: EP2003612A2] An image processing method adopted to remove noise present in an image, includes: an image input step in which an original image constituted of a plurality of pixels is input; a multiple resolution image generation step in which a plurality of low-frequency images with resolutions decreasing in sequence and a plurality of high-frequency images with the resolutions decreasing in sequence are generated by decomposing the input original image; a noise removal processing step in which noise removal processing is individually executed on the low-frequency images and the high-frequency images; and an image acquisition step in which a noise-free image of the original image is obtained based upon both the low-frequency images and the high-frequency images having undergone the noise removal processing.

IPC 8 full level
G06T 5/00 (2006.01); **H04N 1/409** (2006.01)

CPC (source: EP US)
G06T 5/10 (2013.01 - EP US); **G06T 5/70** (2024.01 - EP US); **G06T 2207/20016** (2013.01 - EP US)

Citation (search report)
See references of WO 2007116543A1

Cited by
EP2851866A4; EP2214136A3; US8705867B2; WO2010067191A1; US8218021B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2003612 A2 20081217; EP 2003612 A4 20101013; EP 2003612 A9 20090225; US 2009040386 A1 20090212; US 8244034 B2 20120814; WO 2007116543 A1 20071018

DOCDB simple family (application)
EP 06810636 A 20060927; JP 2006319145 W 20060927; US 23016508 A 20080825