

Title (en)

IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND VEHICLE MONITORING SYSTEM

Title (de)

BILDVERARBEITUNGSVORRICHTUNG, BILDVERARBEITUNGSVERFAHREN UND FAHRZEUGÜBERWACHUNGSSYSTEM

Title (fr)

APPAREIL DE TRAITEMENT D'IMAGES, PROC D DE TRAITEMENT D'IMAGES ET SYST ME DE SURVEILLANCE DE V HICULE

Publication

**EP 1262933 A1 20021204 (EN)**

Application

**EP 00987649 A 20001220**

Priority

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- JP 37029899 A 19991227

Abstract (en)

Images of vehicles traveling on a road are sensed by a plurality of monitor cameras arranged along the road. Video signals obtained by these monitor cameras are A/D-converted into digital images. These digital images are so corrected that the road shown in each digital image runs in the longitudinal or lateral direction of the image. The corrected digital images are composited such that the roads shown in these images continue. This allows the whole of the road as an object of traffic monitoring to be displayed on a single screen. Since the entire road can be monitored without switching images to be displayed, the speed of traffic abnormality detection increases. <IMAGE>

IPC 1-7

**G08G 1/04**; G08G 1/01

IPC 8 full level

**H04N 7/18** (2006.01); **G08G 1/00** (2006.01); **G08G 1/04** (2006.01); **G09G 5/00** (2006.01); **G09G 5/36** (2006.01); **H04N 1/38** (2006.01)

CPC (source: EP)

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Cited by

US2016247398A1; CN101976341A; EP3561791A1; FR3080701A1; US10885778B2; EP2733677A1; EP3182380A1; AU2017279793B2; US10777075B2; WO2014076300A1

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