

Title (en)
METHOD AND SYSTEM FOR FUSING IMAGES

Title (de)
VERFAHREN UND SYSTEM ZUM VERSCHMELZEN VON BILDERN

Title (fr)
PROCEDE ET SYSTEME DE FUSION D'IMAGES

Publication
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Application
EP 01927025 A 20010413

Priority
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Abstract (en)
[origin: WO0184828A1] A system for fusing images comprises sensors (102 and 104) for generating sets of image data. An information processor (108) receives and samples the sets of image data to generate sample data for computing a fused image array. A display (110) receives the fused image array and displays a generated fused image. Step 1 of 4 for fusing images receives sets of image data generated by sensors (102 and 104). Step 2 samples the sets of image data to produce sample data. Step 3 computes a fused image array from the sample data. Step 4 displays a fused image generated from the fused image array on a display (110). Step 1 of 4 for computing a fused image array samples sets of image data generated from sensors (102 and 104) to produce sample data. Image fusion metrics from the sample data are determined in step 2. Step 3 calculates weighting factors from the image fusion metrics. Step 4 computes a fused image array from the weighting factors, wherein the fused image array is used to generate the fused image.

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H04N 5/2624 (2013.01); **H04N 23/11** (2023.01)

Citation (search report)
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• [A] US 5140416 A 19920818 - TINKLER RICHARD D [US]
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Citation (examination)
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• See also references of WO 0184828A1

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