

Title (en)

METHOD AND APPARATUS FOR DISPARITY MAP FILTERING

Title (de)

VERFAHREN UND VORRICHTUNG ZUM DISPARITÄTSKARTE FILTERN

Title (fr)

MÉTHODE ET DISPOSITIF DE FILTRAGE D'UNE CARTE DE DISPARITÉ

Publication

**EP 2761876 A1 20140806 (FR)**

Application

**EP 12775782 A 20120927**

Priority

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Abstract (en)

[origin: WO2013045853A1] The invention relates to a method of filtering a map of disparity associated with one of the views of a stereoscopic image comprising the steps of identifying the pixels (xn) with which is associated an erroneous disparity value (d(xn)) by comparison with the disparity values of the neighbouring pixels (xn-1,xn+1) and of correcting the disparity values of the identified pixels.

IPC 8 full level

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CPC (source: EP US)

**G06T 7/593** (2016.12 - EP US); **H04N 13/111** (2018.04 - EP US); **H04N 13/122** (2018.04 - EP US); **H04N 13/128** (2018.04 - EP US); **G06T 2207/10012** (2013.01 - US); **G06T 2207/10028** (2013.01 - US); **G06T 2207/20024** (2013.01 - US)

Citation (search report)

See references of WO 2013045853A1

Citation (examination)

- WO 2010007285 A1 20100121 - FRANCE TELECOM [FR], et al
- US 2011063420 A1 20110317 - MASUDA TOMONORI [JP]
- WO 2010037512 A1 20100408 - FRAUNHOFER GES FORSCHUNG [DE], et al
- LAI-MAN PO ET AL: "A new multidirectional extrapolation hole-filling method for Depth-Image-Based Rendering", IMAGE PROCESSING (ICIP), 2011 18TH IEEE INTERNATIONAL CONFERENCE ON, IEEE, 11 September 2011 (2011-09-11), pages 2589 - 2592, XP032080200, ISBN: 978-1-4577-1304-0, DOI: 10.1109/ICIP.2011.6116194

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