Title (en)
SYSTEMS AND METHODS OF CREATING A VIRTUAL WINDOW

Title (de)
SYSTEME UND VERFAHREN ZUM ERZEUGEN EINES VIRTUELLEN FENSTERS

Title (fr)
SYSTÈMES ET PROCÉDÉS DE CRÉATION D'UNE FENÊTRE VIRTUELLE

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EP 09726469 A 20090331

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Abstract (en)
[origin: WO2009123705A2] The systems and methods described herein provide imaging systems with multiple imaging sensors arranged in an optical head that create a seamless panoramic view by reducing parallax distortion and adaptively adjusting exposure levels of the recorded images. In particular, an optical head is described with a stacked configuration of CCD imaging sensors in which charge is transferred from a sensor to a processor beginning with an array of photosensitive elements nearest another sensor.

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Citation (search report)
- [Y] US 2004027451 A1 20040212 - BAKER ROBERT G [US]
- [Y] US 2007206945 A1 20070906 - DELORME DAVID M [US], et al
- [Y] US 2002180759 A1 20021205 - PARK MICHAEL C [US], et al
- [Y] US 2004212677 A1 20041028 - UEBBING JOHN J [US]
- [Y] US 2005206873 A1 20050922 - TANAKA MAKOTO [JP], et al
- See references of WO 2009123705A2

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