Title (en)

METHOD FOR IMPROVING THE OBJECT DETECTION IN MULTICAMERA SYSTEMS

Title (de)

VERFAHREN ZUR VERBESSERUNG DER OBJEKTDETEKTION BEI MULTIKAMERASYSTEMEN

Title (fr)

PROCÉDÉ PERMETTANT D'AMÉLIORER LA DÉTECTION D'UN OBJET PAR DES SYSTÈMES MULTI-CAMÉRAS

Publication

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Application

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Abstract (en)

[origin: WO2013087362A1] The invention relates to a method for reproducing raised objects (68) which are in a critical region (78) or are moving toward the latter. The critical region (78) is situated at interfaces (52, 54, 56, 58) assembled from visual ranges (30, 34, 38, 42) that are captured by a plurality of individual cameras (28, 32, 36, 40). The following method steps are performed: visual ranges (30, 34, 38, 42) are captured using a respective individual camera (28, 32, 36, 40) on a vehicle (10). Next, the visual ranges (30, 34, 38, 42) are assembled along interfaces (52, 54, 56, 58) to form a transformed bird's-eye view (24). Finally, at least one interface (52, 54, 56, 58) between adjoining visual ranges (30, 34, 38, 42) is displaced upon detection of at least one raised object (68) that is situated within the critical region (78) at at least one interface (52, 54, 56, 58) or that is moving toward the latter.

IPC 8 full level

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CPC (source: EP)

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