

Title (en)
TRANSFER OF ADDITIONAL INFORMATION BETWEEN CAMERA SYSTEMS

Title (de)
TRANSFER VON ZUSATZINFORMATION ZWISCHEN KAMERASYSTEMEN

Title (fr)
TRANSFERT D'UNE INFORMATION SUPPLÉMENTAIRE ENTRE DES SYSTÈMES DE CAMÉRA

Publication
EP 3895415 A1 20211020 (DE)

Application
EP 19797243 A 20191029

Priority
• DE 102018221625 A 20181213
• EP 2019079535 W 20191029

Abstract (en)
[origin: WO2020119996A1] A method (100) for enriching a target picture (31), which a target camera system (3) has taken of a scenery (1), with additional information (4, 41, 42) with which at least one source picture (21), which a source camera system (2) has taken of the same scenery (1) from a different perspective, is already enriched, having the steps of: • assigning (110) 3D locations (5) in the three-dimensional space to source pixels (21a) of the source picture (21), which 3D locations correspond to the positions of the source pixels (21a) in the source picture (21); • assigning (120) additional information (4, 41, 42) assigned to source pixels (21a) to the respective associated 3D locations (5); • assigning (130) those target pixels (31a) of the target picture (31) whose positions in the target picture (31) correspond to the 3D locations (5) to the 3D locations (5); assigning (140) additional information (4, 41, 42) assigned to 3D locations (5) to the associated target pixels (31a). A method (200) for training an AI module (50), wherein at least some learning additional information (54) is assigned (215) to the pixels (53a) of a learning picture (53) as target pixels (31a) using the method (100). Associated computer program.

IPC 8 full level
H04N 7/18 (2006.01); **H04N 5/247** (2006.01); **H04N 13/204** (2018.01); **H04N 13/239** (2018.01)

CPC (source: EP US)
G06F 18/24 (2023.01 - US); **G06N 3/08** (2013.01 - US); **G06T 7/70** (2017.01 - US); **H04N 7/181** (2013.01 - EP US); **H04N 13/204** (2018.05 - EP); **H04N 13/239** (2018.05 - US); **H04N 13/275** (2018.05 - US); **H04N 23/90** (2023.01 - EP); **B60R 2300/107** (2013.01 - US); **B60R 2300/304** (2013.01 - US)

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