

Title (en)
DEVICE FOR IDENTIFYING AND/OR CLASSIFYING MOVEMENT PATTERNS IN AN IMAGE SEQUENCE OF A SURVEILLANCE SCENE,
METHOD AND COMPUTER PROGRAM

Title (de)
VORRICHTUNG ZUR ERKENNUNG UND/ODER KLASSIFIZIERUNG VON BEWEGUNGSMUSTERN IN EINER BILDSEQUENZ VON EINER
ÜBERWACHUNGSSZENE, VERFAHREN SOWIE COMPUTERPROGRAMM

Title (fr)
DISPOSITIF POUR IDENTIFIER ET/OU CLASSIFIER DES MODÈLES DE MOUVEMENTS DANS UNE SÉQUENCE D'IMAGES D'UNE SCÈNE
DE SURVEILLANCE, PROCÉDÉ ET PROGRAMME INFORMATIQUE

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Application
EP 08760696 A 20080606

Priority
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Abstract (en)
[origin: WO2009003793A2] The invention relates to video surveillance systems that are used, for example, for surveying public places, stations, streets, industrial estates, buildings or similar. Said video surveillance systems comprise one or more surveillance cameras that are oriented towards surveillance scenes and transfer image data streams, in the form of image sequences, to an evaluation centre. The invention also relates to a device (1) for identifying and/or classifying a movement pattern in an image sequence of a surveillance scene comprising a plurality of moving objects, an interface (2) for recording the image sequence, a calculation module (5) for determining an optical flow field (10) in the surveillance scene by evaluating the image sequence and an identification module (6) that is designed in terms of programming and/or circuitry such that the optical field and/or partial areas thereof are compared to one or more patterns in order to identify the movement pattern in the image sequence.

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