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(54) Method and apparatus for traffic monitoring.

The scene, and a determination is made on the basis of the edge image of the presence or absence or absence, and

spatial location, of traffic in the scene. A difference image is formed in which each pixel represents the difference between the intensity of the pixels of the first and second scene images at the corresponding point in the image, and a determination is made from the distribution of pixels of different intensities in the difference image of the presence or absence of movement in the scene.

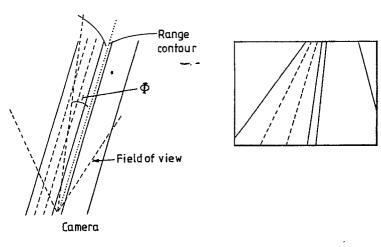


Fig.1.



EUROPEAN SEARCH REPORT

EP 90 30 6317

gory	of rele	th indication, where appropriate, evant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CI.5)
ı,Y	2ND INTERNATIONAL CONFERENCE ON ROAD TRAFFIC MONITORING, INSTITUTION OF ELECTRICAL ENGINEERS CONFERENCE February 9, 1989, pages 94 - 98; HOOSE: 'Queue detection using computer image processing ' * the whole document *		1,10	G 08 G 1/04 G 08 G 1/017 G 08 G 1/015
Υ	EP-A-0 277 050 (INSTITUT NATIONAL DE RECHERCHE SUR LES TRANSPORTS ET LEUR SECURITE) * figures 1-4 *		1,10	
Α	SYSTEMS & COMPUTERS IN JAPAN. vol. 17, no. 1, February 1986, NEW YORK US pages 62 - 72; YASUO KUDO: 'Traffic flow measurement system using image processing ' * page 63, left column, line 27 - line 40 *		1-16	
A	IEEE TRANSACTIONS ON VEHICULAR COMMUNICA-TIONS. vol. 38, no. 3, 1989, NEW YORK US pages 112 - 122; I ò IGO: 'Application of machine vision to traftic monitoring and control ' * page 119, left column, line 12 - page 121, right column,		1-16	TECHNICAL FIELDS SEARCHED (Int. CI.5)
A	line 28 * — — — WO-A-8 806 326 (REGENTS OF THE UNIVERSITY OF MINNESOTA)		1-16	G 08 G
	* figures 1-3 * 			
	The present search report has t			
Place of search The Hague		Date of completion of search 11 October 91		Examiner CRECHET P.G.M.

- A: technological background
 O: non-written disclosure
 P: intermediate document
 T: theory or principle underlying the invention
- &: member of the same patent family, corresponding document