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EUROPEAN PATENT APPLICATION

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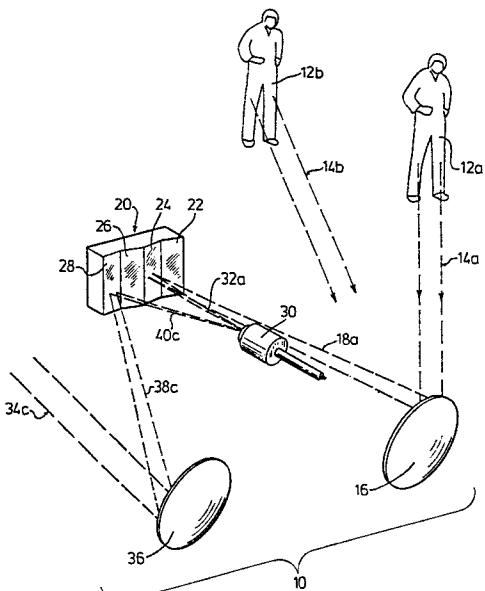
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⑬ Designated Contracting States: DE FR GB IT SE

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⑮ Optics for infrared intrusion detector.

⑯ An infrared intrusion detector has an optical system (10) for gathering infrared radiation from discrete sensitive regions and focusing such received radiation onto an infrared radiation sensor. The detector includes a monitoring device to sound an alarm when radiation sensed reaches a predetermined level. The optical system (10) comprises an optical collector (16, 13) for gathering radiation from a field which includes the sensitive regions and for converging such radiation onto a plurality of reflectors (22, 24, 26, 28). Each reflector determines one of the discrete sensitive regions and, in turn, is oriented to reflect converging radiation gathered from a sensitive region on the detector (30). The invention provides a simple, efficient optic system for a broad field of gathering infrared radiation, concentrating and focusing it in a manner to provide sufficient levels of received radiation for purposes of detection.





EUROPEAN SEARCH REPORT

0021630
Application number

EP 80 30 1819

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl.)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
	<p><u>FR - A - 2 399 078</u> (HEIMANN GmbH)</p> <p>* Page 1, lines 1-9; page 6, lines 21-35; figure 2 *</p> <p>--</p> <p><u>US - A - 3 886 360</u> (REISS)</p> <p>* The whole document *</p> <p>-----</p>	1, 2, 4, 5, 14 1	G 08 B 13/18
DA			TECHNICAL FIELDS SEARCHED (Int. Cl.)
			G 08 B 13/18
			CATEGORY OF CITED DOCUMENTS
			X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons
			&: member of the same patent family, corresponding document
<input checked="" type="checkbox"/>	The present search report has been drawn up for all claims		
Place of search	Date of completion of the search	Examiner	
The Hague	28-10-1980	ORNELIS	