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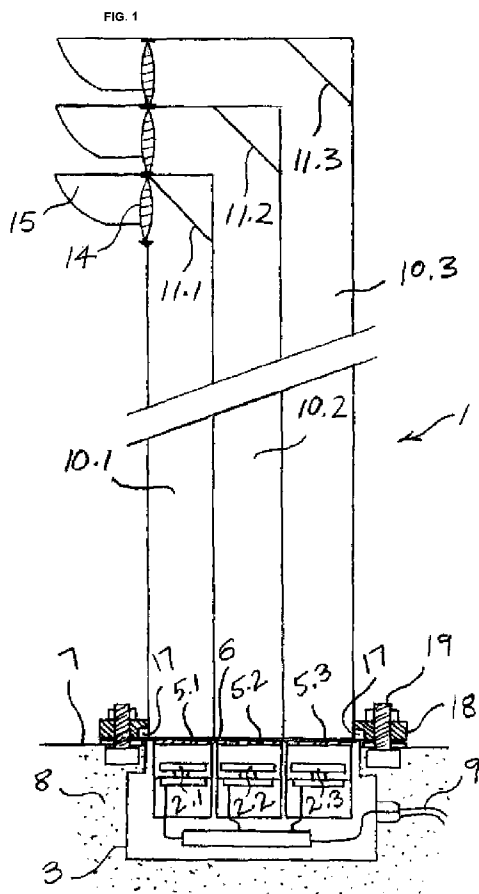
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(54) Title: A TRAFFIC LIGHT



(57) **Abstract:** The invention provides a traffic light (1). The apparatus includes a light source (2) contained in a housing (3) and a reflector (11) to direct light at a position spaced apart from the source. The housing is planted in the ground (8), preferably cemented in the pavement. The reflector is conveniently a suitably arranged object with a reflective surface. The support (10) extends upwardly from the housing providing a conduit arranged so that the source projects light upwardly through the support to the reflective object. From here the light is directed through a lens (14) in an opening in the support. The light source is an array of light emitting diodes (LEDs). In a preferred embodiment, three such arrangements are provided together as a traffic light assembly which switches between green, amber and red light signals in the usual way. The upright support is removably securable and relatively inexpensive. All the working components are protected in the housing. The traffic light also poses a reduced risk should a motor vehicle collide with it. A damaged support can be easily replaced using suitable fastening means.



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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 575 550 A (APPELDORN ROGER H [US] ET AL) 19 November 1996 (1996-11-19) column 3, line 43 - line 55 column 6, line 56 - line 67 column 7, line 53 - line 57 figures 1,4	1-5
X	GB 951 604 A (MEINERS OPTICAL DEVICES LTD) 4 March 1964 (1964-03-04) page 2, line 108 - line 115 figure 1	1-5
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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GB 951604	A	04-03-1964	NONE	
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