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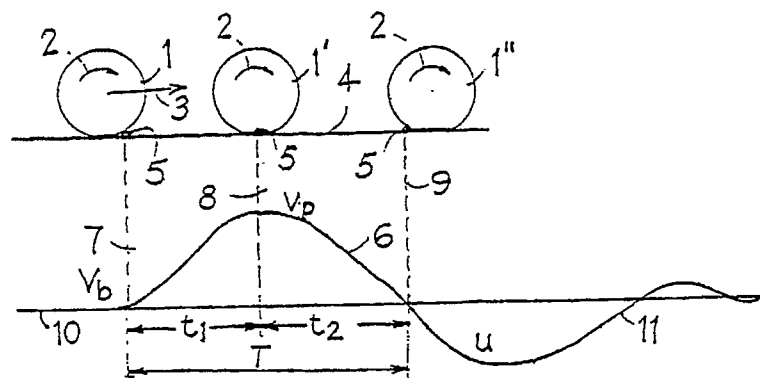
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(54) **Traffic monitoring equipment.**

(57) Traffic monitoring equipment including traffic speed measuring equipment has a signal validation facility incorporated to enhance reliability of the equipment. This facility permits the monitoring operation, for example speed measurement, to proceed only if the validation is positive, if negative the op-

eration is aborted and/or a warning signal or shut-down is activated. Validation is made of pulse sequence, pulse strength, radio frequency interference, insulation breakdown, cable integrity (where cables are used) and the like.

FIG. 1



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## EUROPEAN SEARCH REPORT

Application Number

EP 90 30 2553

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                               |                                                |                                               |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Citation of document with indication, where appropriate, of relevant passages                                                                                                                                                 | Relevant to claim                              | CLASSIFICATION OF THE APPLICATION (Int. Cl.5) |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-A-4 368 428 (DIJKMAN)<br>* Abstract; column 3, line 39 - column 5, line 14; figures 2a,2b *<br>-- --                                                                                                                       | 1-5,8,10,<br>13,15                             | G 08 G 1/052                                  |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-A-4 276 539 (ESHRAGHIAN)<br>* Abstract *<br>-- --                                                                                                                                                                          | 1,5,8,10,<br>13,15                             |                                               |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SIEMENS ZEITSCHRIFT, vol. 44, no. 2, February 1970, pages 61-66, Munich, DE; P. LINGENFELSER et al.:<br>"Schleifendetektoren zum Messen des Strassenverkehrs"<br>* Figures 4,5 *<br>-- -- -- --                               | 1                                              |                                               |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                               |                                                | TECHNICAL FIELDS<br>SEARCHED (Int. Cl.5)      |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                               |                                                | G 08 G                                        |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                               |
| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                               |                                                |                                               |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                               |
| Place of search<br>The Hague                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                               | Date of completion of search<br>27 February 91 | Examiner<br>SGURA S.                          |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                               |
| <table border="0"><tr><td><b>CATEGORY OF CITED DOCUMENTS</b><br/>X: particularly relevant if taken alone<br/>Y: particularly relevant if combined with another document of the same category<br/>A: technological background<br/>O: non-written disclosure<br/>P: intermediate document<br/>T: theory or principle underlying the invention</td><td>E: earlier patent document, but published on, or after the filing date<br/>D: document cited in the application<br/>L: document cited for other reasons<br/>-----<br/>&amp;: member of the same patent family, corresponding document</td></tr></table> |                                                                                                                                                                                                                               |                                                |                                               | <b>CATEGORY OF CITED DOCUMENTS</b><br>X: particularly relevant if taken alone<br>Y: particularly relevant if combined with another document of the same category<br>A: technological background<br>O: non-written disclosure<br>P: intermediate document<br>T: theory or principle underlying the invention | E: earlier patent document, but published on, or after the filing date<br>D: document cited in the application<br>L: document cited for other reasons<br>-----<br>&: member of the same patent family, corresponding document |
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