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(54) **Elevated cableway system**

(57) An improved cableway system for providing a track over which a vehicle traverses is disclosed. The improved system includes a catenary cable system (16) and a pair of track cable systems (14). The track cable systems (14) are hung from the catenary cable system (16) and support tracks over which a vehicle (12) traverses. A plurality of hangers (27) is employed to suspend the track cable systems (14) from the catenary cable system (16). A plurality of pylons (17) support the catenary and track cable systems (14,16). A pylon (17) includes a base pylon (21), a lower saddle (200), and an upper saddle (30). The lower saddle (200) is pivotally mounted to the base pylon (21) and supports the track cable systems (14). Preferred embodiments of the lower saddle (200) include apparatuses that dampen the application of loads to the pylon (17) by the vehicle (12) traversing the system. The upper saddle (30) is supported by the base pylon (21) and supports the catenary cable system (16) while providing for deflection of the catenary cable system (16) in response to forces applied to the cableway system. A preferred embodiment of the cableway system includes a force-equalizing assembly (300) for joining the catenary cable system (16) to the track cable system (14) at points between support pylons (17) to equalize the tension in the cables among the various cables.

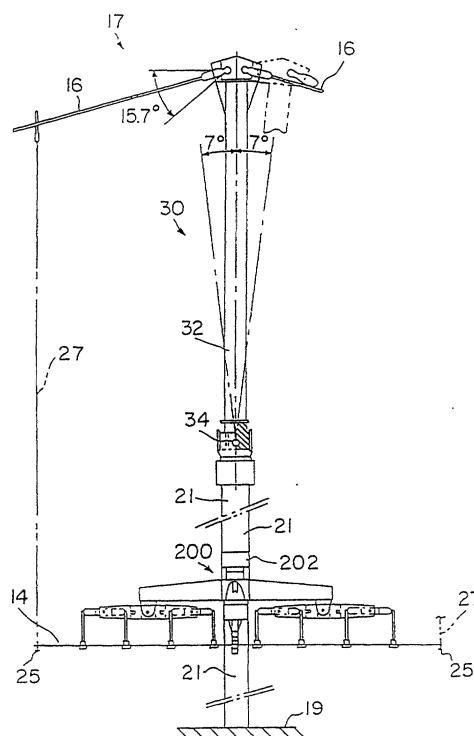


FIG. 6

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EUROPEAN SEARCH REPORT

Application Number
EP 00 11 5311

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
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| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int.Cl.7) |
| A | US 4 208 969 A (BALTENSBERGER) 24 June 1980 (1980-06-24) * column 3, line 5-46; figures 1,2 * ----- | 1 | E01B25/16 |
| | | | TECHNICAL FIELDS SEARCHED (Int.Cl.7) |
| | | | E01B B61B |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 21 November 2001 | Examiner Kergueno, J |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p> | | | |

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 11 5311

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