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(11) **EP 1 052 332 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
09.01.2002 Bulletin 2002/02

(51) Int Cl.7: **E01B 25/16**

(43) Date of publication A2:
15.11.2000 Bulletin 2000/46

(21) Application number: **00115301.4**

(22) Date of filing: **05.12.1997**

(84) Designated Contracting States:
**AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE**

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
97950850.4 / 1 036 238

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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.

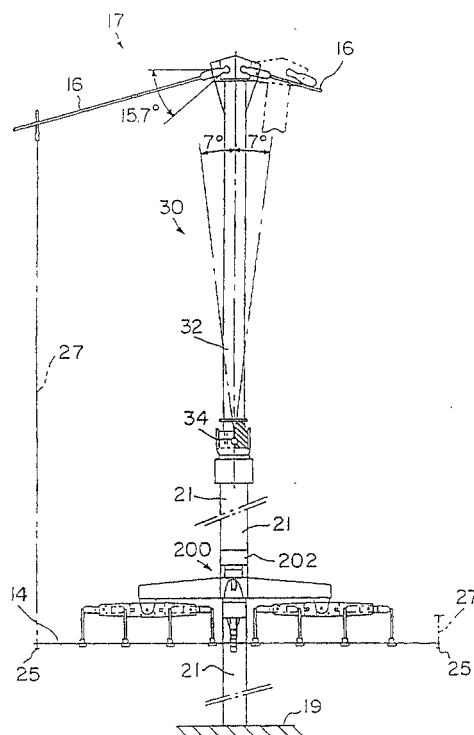


FIG. 6

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EUROPEAN SEARCH REPORT

Application Number
EP 00 11 5301

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.7)
D,A	US 4 264 996 A (BALTENSBERGER) 5 May 1981 (1981-05-05) * column 2, line 44 - column 3, line 22; figures 1-3 * -----	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 19 November 2001	Examiner Kergueno, J
CATEGORY OF CITED DOCUMENTS 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 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			

EPO FORM 1503 03/82 (P04C01)

