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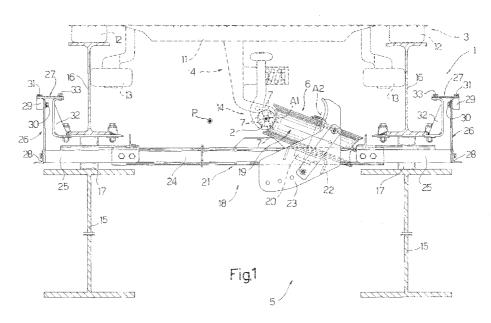
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(54) Title: CABLE TRANSPORTATION SYSTEM AND RELATIVE OPERATING METHOD



(57) Abstract: A cable transportation system (1) having a pull cable (2) defined by a number of strands (7) and drawn along a path (P); at least one transportation unit (3) movable along the path (P) and connected to the pull cable (2) by a coupling device (4); a metal structure (5) located along the path (P) to support and guide the transportation unit (3); and at least one guide roller (6) for guiding the pull cable (2) and supported by the metal structure (5) by means of leaf springs (26, 27, 40) which damp vibration caused by the strands (7) of the pull cable (2) contacting the guide roller (6).





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PCT/EP2008/064491 A. CLASSIFICATION OF SUBJECT MATTER INV. B61B9/00 B61B B61B12/02 B61B12/04 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) B61B 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) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. GB 1 326 264 A (KRAMPE CO FERTIGUND IN 1,9,10 χ BERGBAU) 8 August 1973 (1973-08-08) page 3, line 44 - line 110; figures 5,9 χ DE 38 34 116 A1 (SCHARF GMBH MASCHF [DE]) 1,2 24 May 1989 (1989-05-24) column 4, line 37 - column 5, line 13; figures 1,2 FR 2 867 142 A (POMAGALSKI SA [FR]) X 1,2 9 September 2005 (2005-09-09) page 4, line 15 - page 5, line 23; figures 1 - 4page 6, line 14 - line 22 χ Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docu-*O* document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means "P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 15 May 2009 25/05/2009 Name and mailing address of the ISA/ Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Wojski, Guadalupe Fax: (+31-70) 340-3016

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