

ABSTRACT

FLEXIBLE ELEVATOR HITCH

5 An elevator having a car suspended by a rope in a 2:1 roping arrangement has a sheave for receiving the ropes and a structure for rotatably supporting the sheave. A flexible member is used to attach the structure to a car, which minimizes the transference of moments from the structure to the car. In addition, a damping material is used in mounting the flexible member to the car and support structure which reduces vibration and noise transmissions. Springs are also placed at the top and bottom of the flexible member to isolate low frequency vibrations in the vertical direction.

Fig. 1 to accompany abstract when published

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This Sheet Has Been Replaced

