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(54) **TIE-DOWN DEVICE FOR COMPENSATION SHEAVE, COMPENSATION SHEAVE AND ELEVATOR**

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(58) **Field of Classification Search**
CPC B66B 7/068; B66B 15/02; B66B 7/10
See application file for complete search history.

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(57) **ABSTRACT**

A tensioning device for a compensating sheave. The compensating sheave is provided with a housing. The tensioning device comprises: a first snap-fit member; a second snap-fit member; and a trigger mechanism comprising a resilient assembly and a limiting assembly, wherein the limiting assembly is provided with a limiting member, wherein the tensioning device has a first state in which the limiting member abuts against a second end of the first snap-fit member so that a certain clearance is kept between a first end of the first snap-fit member and the second snap-fit member and a second state in which the limiting assembly is moved downward so that the first end of the first snap-fit member is rotated downward until the first end is snap-fitted with the second snap-fit member. A compensating sheave is provided with the above-described tensioning device and an elevator is configured with the above-described compensating sheave.

20 Claims, 4 Drawing Sheets

