

(12) **United States Patent**  
**Zhao et al.**

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(54) **ELEVATOR BELT AND METHOD OF MANUFACTURE**

(58) **Field of Classification Search**  
None  
See application file for complete search history.

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 361 days.

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(57) **ABSTRACT**

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A belt for suspending and/or driving an elevator car includes a plurality of tension elements extending along a length of the belt and a plurality of belt fibers transverse to the plurality of tension elements and interlaced therewith. The belt fibers define at least one traction surface of the belt. An edge fiber is located at a lateral end of the belt transverse to and secured to the plurality of belt fibers to secure the belt fibers in a selected position.

(52) **U.S. Cl.**  
CPC ..... **B66B 7/062** (2013.01); **B29C 65/48** (2013.01); **D04C 1/06** (2013.01); **D07B 5/04** (2013.01);  
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**9 Claims, 6 Drawing Sheets**

