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Wilt

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(54) **DYNAMICALLY CHANGING TRACK SUPPORT FOR TRACKED VEHICLE**

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See application file for complete search history.

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(57) **ABSTRACT**

A dynamically changing track support for a tracked vehicle, includes a body with one or more track engaging wheels mounted for rotation to the body and extending above the top of the body and below the bottom of the body. At least two arms are provided. Each arm has a body engaging end and a track engaging end. The track engaging ends of the arm extends outwardly past the body. The body engaging end is pivotally secured to the body for pivotal movement about a substantially horizontal pivot axis. One or more track engaging wheels are mounted for concentric axial rotation about an axle positioned at the track engaging end of the each arm. Dynamically adjustment of the pivotal positioning of the arms relative to the body results in changes to track geometry while maintaining consistent tension.

7 Claims, 5 Drawing Sheets

