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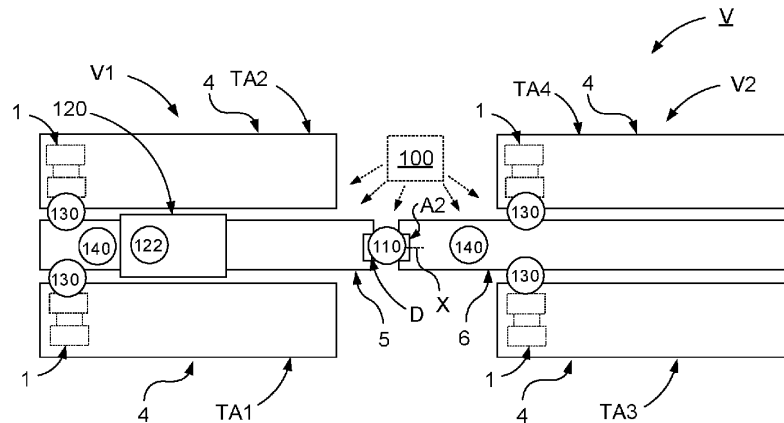


Fig. 4b

(57) Abstract: The present invention relates to a method (M1) performed by a control device (100) for controlling driving operation of an articulated tracked vehicle (V). Said articulated tracked vehicle (V) comprises a drive arrangement (120) for operating the vehicle. The articulated tracked vehicle (V) comprises a first vehicle unit (V1) and a second vehicle unit (V2) steerably connected to the first vehicle unit (V1) by means of a steering device (D) for mutually pivoting said vehicle units (V1, V2). The mutual pivoting comprises roll movement about a roll axis (X). The steering device (D) comprises a roll arrangement (A2) for said roll movement. The method comprises the step of controlling (S1) the roll arrangement (A2) of the steering device (D) so as to control mutual roll movement of said vehicle units (V1, V2). The present invention also relates to a control device for controlling driving operation of an articulated tracked vehicle. The present invention also relates to a computer program and a computer readable medium.

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