CLAIMS

1. A tracked vehicle (10; 11) comprising a vehicle body (30, 32; 30), at least one track assembly (21) and a suspension device (S) for suspension of said track assembly (21) to said vehicle body (30, 32; 30) of said tracked vehicle (10; 11), said track assembly (21) comprising a track support beam (22), a plurality of road wheels (23, 23a), at least one drive wheel (24), and an endless track (25), said track support beam (22) being arranged to support said at least one drive wheel (24) and a plurality of road wheels (23, 23a), said endless track being disposed around said at least one drive wheel (24) and plurality of road wheels (23, 23a), said suspension device (S) comprising two pendulum arms (52, 54) which in one end are rotatably attached to a respective fastening point (P1b, P2b) in said vehicle body (30, 32; 30) and in the other end are rotatably attached to a respective fastening point (P1a, P2a) in the track support beam (22) of said track assembly (21), **characterized in that** said suspension device (S) comprises distance adjustment means (58) which is arranged to allow each of:

- a distance change between said two fastening points (P1a, P2a) in the track support beam (22) of said track assembly (21);
- a distance change between the two fastening points (P1b, P2b) in the vehicle body (30, 32; 30); and
- a distance change between the fastening point (P1b, P2b) in the vehicle body (30, 32; 30) and the fastening point (P1a, P2a) in the track support beam (22) of said track assembly (21) of at least one of the pendulum arms (52, 54), so as to allow a tilting movement of the track assembly (21), including said at least one drive wheel (24) and plurality of road wheels (23, 23a), relative to the vehicle body in a plane extending in the longitudinal direction of said track assembly (21) essentially orthogonal to the transversal extension of said track assembly (21); wherein said adjustment means comprises:

- a slide configuration in connection to at least one of said two fastening points in the track assembly for allowing said distance change between said two fastening points in the track assembly; and
- a slide configuration in connection to at least one of said two fastening points in the vehicle body for allowing said distance change between said two fastening points in the vehicle body.

2. A tracked vehicle according to claim 1, wherein said adjustment means comprises a crank throw configuration (58) for at least one of the pendulum arms (52, 54) for allowing said distance change between the fastening point (P1b, P2b) in the vehicle body and the fastening point (P1a, P2a) in the track assembly of said at least one of the pendulum arms (52, 54).

3. A tracked vehicle according to any preceding claim, wherein said suspension device (S) further comprises a suspension configuration (60) for damping the movement of the track assembly (21) relative to the vehicle body (30, 32; 30) and/or for controlling the position of the track assembly (21) relative to the vehicle body (50).

4. A tracked vehicle according to claim 3, wherein said suspension configuration (60) is arranged between the vehicle body (30, 32; 30) and at least one of said two pendulum arms (52, 54) for damping the movement of said at least one pendulum arm (52, 54) and/or controlling the position of said at least one pendulum arm (52, 54) in said plane.

5. A tracked vehicle according to any of claims 3 or 4, wherein said suspension configuration (60) comprises at least one hydraulic cylinder (62, 64).

6. A tracked vehicle according to any preceding claims, wherein said tracked vehicle is an articulated vehicle (10) comprising a first vehicle unit

(11) and a second vehicle unit (12) pivotably connected to the first vehicle unit (11) via an articulation joint (Y), each of said vehicle units (11, 12) comprising a vehicle body (30, 32) and two track assemblies (21) connected to respective sides of said vehicle body (30, 32) by means of said suspension device (S).

7. A tracked vehicle according to any preceding claims, wherein said tracked vehicle (10) is a forestry vehicle.

8. A tracked vehicle according to any preceding claims, wherein said tracked vehicle (10) is a forwarder.