CLAIMS

1) Tracked system (10) with a variable geometry, comprising:

- a wheel belt (11), comprising a portion (11p) having a respective first area (a1); said portion (11p) being in use in contact with the land or roadway;

- at least a traction wheel (12), coupled to said wheel belt (11) and susceptible of supplying a motive power of rotation of said wheel belt (11); and

- at least a driven gear (13), coupled to said wheel belt (11);

said tracked system (10) being characterized in that it comprises actuator means (14) for a geometry variation of part of said wheel belt (11); said actuator means (14) comprising an intervention configuration wherein configure said portion (11p) of said wheel belt (11) upon at least a second area (a2) in use in contact with the land; said second area (a2) being different from said first area (a1).

2) Tracked system according to claim 1, wherein in said intervention configuration said second area is smaller with respect to said first area.

3) Tracked system according to claim 1, wherein said second area is:

- in centered position with respect to a projection on the ground of the center of gravity of a vehicle upon which said system (10) is susceptible of being mounted; and

- enclosed within said first area.

4) Tracked system according to claim 1, wherein said actuator means (14) comprise a plurality of thrusting pistons, having a first end fixed to a rigid structure of said tracked system (10) and a second movable end acting on said portion (11p).

5) Tracked system according to claim 1, comprising also a plurality of thrusting wheels (15) of said portion (11p) of said wheel belt (11); said plurality of thrusting wheels (15) being configurable upon a plurality of different positions.

6) Tracked system according to claim 4 and claim 5, wherein said second movable end is connected to said thrusting wheels (15); said thrusting wheels (15) being configured for exerting a thrusting power upon said portion; said thrusting power being substantially orthogonal with respect to the land upon which - in use - said portion of said wheel belt rests.

7) Tracked system according to claim 5, wherein said plurality of thrusting wheels (15) comprises at least a pair of wheels parallely oriented and row-arranged along a direction of maximum extension of said wheel belt (11).

8) Tracked system according to any of the preceding claims, wherein said actuator means (14) are hydraulic pistons.

9) Tracked system according to any of the preceding claims, wherein in said intervention configuration there are said traction wheel (12) and said driven gear (13), in use at a respective height

with respect to a flat land.

10) Tracked system according to any of the preceding claims, wherein said portion (11p) of said wheel band (11) in use in contact with the land or a roadway has a length (L) and wherein in said intervention configuration said length (L) is reduced with respect to a rest configuration of said actuator means (14).

11) Tracked system according to claims 5 and 10, wherein in said rest configuration said thrusting wheels (15) do not encounter said portion (11p).

12) Tracked vehicle comprising a tracked system (10) according to any of the claims 1-9.

13) Tracked vehicle according to claim 12, comprising at least a wheel belt (11) upon a side respectively left and right.

CLAIMS

1) Tracked system (10) with a variable geometry, comprising:

- a wheel belt (11), comprising a portion (11p) having a respective first area (a1); said portion 5 (11p) being in use in contact with the land or roadway, having a length (L);

- at least a traction wheel (12), coupled to said wheel belt (11) and susceptible of supplying a motive power of rotation of said wheel belt (11); and

- at least a driven gear (13), coupled to said wheel belt (11);

said tracked system (10) comprises actuator means (14) for a geometry variation of part of said wheel belt (11); said actuator means (14) comprising an intervention configuration wherein configure said portion (11p) of said wheel belt (11) upon at least a second area (a2) in use in contact with the land; said second area (a2) being different from said first area (a1);

said actuator means comprise a plurality of thrusting wheels (15) of said portion (11p) of said wheel belt (11); said plurality of thrusting wheels (15) being configurable upon a plurality of different positions;

in said intervention configuration said length (L) is reduced with respect to a rest configuration of said actuator means (14);

characterized in that in said rest configuration said thrusting wheels (15) do not encounter said portion (11p)

2) Tracked system according to claim 1, wherein in said intervention configuration said second area is smaller with respect to said first area.

3) Tracked system according to claim 1, wherein said second area is:

- in centered position with respect to a projection on the ground of the center of gravity of a vehicle upon which said system (10) is susceptible of being mounted; and
- enclosed within said first area.

4) Tracked system according to claim 1, wherein said actuator means (14) comprise a plurality of thrusting pistons, having a first end fixed to a rigid structure of said tracked system (10) and a second movable end acting on said portion (11p).

5) Tracked system according to claim 4 and claim 1, wherein said second movable end is connected to said thrusting wheels (15); said thrusting wheels (15) being configured for exerting a thrusting power upon said portion; said thrusting power being substantially orthogonal with respect to the land upon which - in use - said portion of said wheel belt rests.

6) Tracked system according to claim 1, wherein said plurality of thrusting wheels (15) comprises at least a pair of wheels parallely oriented and rowarranged along a direction of maximum extension of said wheel belt (11).

7) Tracked system according to any of the preceding claims, wherein said actuator means (14) are hydraulic pistons.

8) Tracked system according to any of the preceding claims, wherein in said intervention configuration there

are said traction wheel (12) and said driven gear (13), in use at a respective height with respect to a flat land.

9) Tracked vehicle comprising a tracked system (10) according to any of the claims 1-8.

10) Tracked vehicle according to claim 9, comprising at least a wheel belt (11) upon a side respectively left and right.