CLAIMS

1. A frame for an unmanned ground vehicle, said frame comprising a pair of self-propelled lateral modules, which extend in a longitudinal direction and are mutually removably coupled in a transverse direction;

said self-propelled lateral modules being assembled to form a support structure for a central module, which is removably coupled to said frame and is provided with a control system, which is configured to control movements and actuation of said self-propelled lateral modules;

at least one of said self-propelled lateral modules comprising:

a pair of bearing portions; and

a connection portion, which mutually constrains said bearing portions and permits relative movement thereof between:

an extended configuration, in which said bearing portions define a greater longitudinal extension of said self-propelled lateral module, and

a compact configuration, in which said bearing portions define a smaller longitudinal extension of said self-propelled lateral module;

wherein said connection portion comprises an articulated joint, which connects said bearing portions, and permits mutual rotation between said extended configuration and said compact configuration;

wherein said articulated joint is a hinge; said extended configuration and said compact configuration corresponding, to a substantially spread configuration and to a substantially folded configuration of the bearing portions respectively; and

wherein said hinge defines a hinging axis between said bearing portions oriented in a substantially orthogonal and substantially vertical direction relative to a longitudinal axis of said support structure.

2. A frame according to claim 1, wherein
said hinging axis is arranged in a transversely inner position of said lateral module.

3. A frame according to claim 1, wherein at least one bearing portion comprises a mounting for removably receiving traction members transferring a driving force on the ground.

4. A frame according to claim 3, wherein said mounting is situated in a transversely outer position relative to said bearing portion, when said lateral modules are mutually assembled.

5. A frame according to claim 3, further comprising a motor apparatus, which delivers driving power to at least one of said mountings and is arranged on at least one of said lateral modules.

6. A frame according to claim 1, wherein at least one of the bearing portions of one of the lateral modules comprises a transverse half-shaft, which is removably connected to a corresponding transverse half-shaft supported by an associated bearing portion of the other lateral module.

7. A frame according to claim 6, wherein said transverse half-shafts are tubular and are mutually coupled to one another.

8. A frame according to claim 6, wherein at least one of said transverse half-shafts, supported by one of said bearing portions of said lateral module, are housed in a seat obtained in the other bearing portion of said lateral module, when said lateral module is in the compact configuration.

9. A frame according to claim 8, wherein the bearing portion in which said seat is obtained has a longitudinal size that is greater than a longitudinal size of the other bearing portion.

10. A frame according to claim 3, wherein said mounting is rigidly constrained to said bearing portion.