Claims

1. A pipe or duct probe (10) for insertion into a pipe (90) or into a duct, characterised in that
the pipe or duct probe (10) comprises
- at least one motor (15),
- at least one motor shaft (18),
- at least one working means (30, 30', 30'') connected to the motor shaft (18),
- a connection device (40) for connecting the motor (15) to a cable (75),
- at least one housing (20), and
- at least one centering device (50) connected to the housing (20),
wherein
the at least one motor (15) is mounted in the housing (20) and is a direct current motor, and the centering device (50) is formed by a plurality of resilient elements (55), which are spaced apart in a circumferential direction of the at least one housing (20), wherein the resilient elements (55) are in a form of turbine blades.

2. The pipe or duct probe (10) according to claim 1,
characterised in that
the resilient elements (55) are mounted on a centering device base (51).

3. The pipe or duct probe (10) according to claim 1,
characterised in that
the at least one centering device (50) has bent arms.

4. The pipe or duct probe (10) according to claim 1,
characterised in that
the working means (30) is an application device.

5. The pipe or duct probe (10) according to claim 4,
characterised in that, the working means (30) is an application brush.

6. The pipe or duct probe (10) according to claim 1, characterised in that
the working means (30', 30'') is a cleaning device.

7. The pipe or duct probe (10) according to claim 1,
characterised in that
the working means (30, 30', 30'') is directly connected to the motor shaft (18) or is indirectly connected to the motor shaft (18) by means of a joint or by means of a spring.

8. The pipe or duct probe (10) according to claim 1,
characterised in that
the connection device (40) is formed as a plug connector or as a spiral spring with attachment piece or as a joint.

9. The pipe or duct probe (10) according to claim 1, including
a temperature sensor and/or a camera (12).

10. The pipe or duct probe (10) according to claim 1,
characterised by
a static mixer (80).

11. The pipe or duct probe (10) according to claim 10, characterised in that, the static mixer (80) is attached to the centering device (50).

12. The pipe or duct probe (10) according to claim 1, characterised in that the centering device base (51) is annular.

13. The pipe or duct probe (10) according to claim 1, characterised in that, the working means (30', 30") is a brush head and/or an abrasive paper arrangement and/or a chain scraper and/or a blade drill and/or a paddle blade drill and/or a cutting head and/or a milling head.

14. The pipe or duct probe (10) according to claim 1, characterized in that the resilient elements (55) are uniformly distributed in the circumferential direction of the at least one housing (20).

15. A system (60) comprising the pipe or duct probe (10) according to claim 1 and a cable (75) attached thereto.

16. The system (60) according to claim 15,
characterised by

a reel (70) in which the cable (75) is stored.

17. The system (60) according to claim 15,
characterised by
a control unit (71) arranged in or on a housing of the reel (70).