Claims

1. An arrangement having a plastics container (1) and a flow-guiding component having a casing (8), wherein the casing (8) is made from a metal material and is connected form-fittingly to the plastics container (1) by rotational sintering, and that movable components are arranged in the casing (8).

2. The arrangement as claimed in claim 1, characterized in that the casing (8) is at least in part surrounded by at least one wall (10) of the container (1), wherein the wall (10) is in one piece with the container (1).

3. The arrangement as claimed in one of claims 1 or claim 2, characterized in that the casing (8) is embedded in a wall (10) of the container (1), wherein the casing (8) is preferably embedded in a carrying manner, in particular carrying a drive unit.

4. The arrangement as claimed in any one of claims 1 to 3, characterized in that a wall (10) of the container (1) bears against the casing (8) sealingly, in particular without a gap.

5. The arrangement as claimed in any one of claims 1 to 4, characterized in that an impeller of a centrifugal pump is arranged in the casing (8).

6. The arrangement as claimed in any one of claims 1 to 5, characterized in that a shut-off element of a fitting is arranged in the casing (8).

7. The arrangement as claimed in any one of claims 1 to 6, characterized in that a wall (13) of the container (1) forms a port for entry of a medium into the casing (8), wherein the wall (13) is made in one piece with the container (1).

8. The arrangement as claimed in any one of claims 1 to 7, characterized in that a pipe element (11) is arranged on the casing (8) for guiding medium away, wherein this pipe element (11) is surrounded by a wall (12) of the container (1) as a result of rotational sintering, wherein the wall (12) is made in one piece with the container (1).

9. A method for producing an arrangement as claimed in any one of claims 1 to 8, having the following steps:

- arranging a casing (8) of a flow-guiding component in a mold,
- causing plastics particles to bear against the mold and the casing (8) by rotation,
- fusing and solidifying the plastics particles against the mold and the casing, and
- so arranging matters that the components in the casing (8) are movable.