Preferably, the attachment is generally tubular with the at least two plates extending longitudinally along the attachment and radially around the attachment. Preferably the slot extends longitudinally along the attachment.

It is preferred that the slot is tangential to the wall. Preferably, fluid exiting the fluid outlet flows along a radially inner surface of the slot. The radially inner surface of the slot becomes the external surface of the attachment when a downstream end of the overlap between the first end of the wall and the second end of the wall is reached. The fluid flows around the attachment combining with fluid that exits from any further slots which form a part of the fluid outlet.

The fluid exiting the fluid outlet is encouraged to follow the line of the radially inner surface creating a flow around the attachment which pulls hair towards the attachment and wraps the hair around the attachment in the direction of fluid flow.

Preferably, the attachment comprises n slots and n plates.

It is preferred that one of the first end and second end of the wall includes a spacer which defines a thickness of the slot.

Another aspect of the invention provides an attachment for a hand held appliance comprising a body having a wall, a fluid inlet at one end of the wall and a fluid outlet through the wall wherein the fluid outlet comprises at least one slot extending along the wall wherein the at least one slot is formed by an overlap of a first end of the wall and a second end of the wall and wherein one of the first end and second end of the wall includes a spacer which defines a thickness of the slot.

Preferably, the second end of the wall comprises the spacer.

It is preferred that a pair of spacers are provided longitudinally spaced along the wall.

Any spacers maintain the gap between the two parts forming the slot or thickness of the slot. It is advantageous for these to all be substantially equal is this creates an even flow around the attachment.

Preferably, the at least one slot is formed as a spiral around the wall. It is preferred that the spiral is clockwise in the direction of fluid flow. Alternatively, the spiral is anticlockwise in the direction of fluid flow. Preferably, the slot is disposed at an angle of 1-89° to a longitudinal direction of the attachment. It is preferred that the slot is disposed at an angle of 10-70° to a longitudinal direction of the attachment. Preferably, the slot is disposed at an angle of 30-60° to a longitudinal direction of the attachment. More preferably, the slot is disposed at an angle of 45° to a longitudinal direction of the attachment.

Another aspect of the invention provides an attachment for a hand held appliance comprising a body having a wall, a fluid inlet at one end of the wall and a fluid outlet through the wall wherein the fluid outlet comprises at least one slot extending along the wall wherein the at least one slot is formed by an overlap of a first end of the wall and a second end of the wall and wherein the slot is disposed at an angle of 1-89° to a longitudinal direction of the attachment.

A curved slot changes the direction that fluid flows out from the fluid outlet tending to give a flow that is more normal to the surface of the attachment and this improves the hold of the hair around the attachment.

Preferably, the at least two plates are lined with a material. It is preferred that the material absorbs sounds and/or vibrations. Preferably, the material is Kevlar or wool.

It is preferred that the attachment further comprises a flow directing element between the fluid inlet and the fluid outlet. The flow directing element also changes the direction that fluid flows out from the fluid outlet tending to give a flow that is more normal to

CLAIMS

1. An attachment for a hand held appliance comprising a body having a wall, a fluid inlet at one end of the wall and a fluid outlet through the wall wherein the fluid outlet comprises at least one slot extending along the wall and wherein the at least one slot is formed by an overlap of a first end of the wall and a second end of the wall.

2. An attachment according to claim 1, wherein the fluid emitted from the fluid outlet is attracted to an external surface of the wall.

3. An attachment according to claim 1 or claim 2, wherein fluid emitted from the fluid outlet flows around the external surface of the wall.

4. An attachment according to any preceding claim, wherein the wall is formed from at least two plates.

5. An attachment according to claim 4, wherein a first one of the at least two plates comprises the first end of the wall.

6. An attachment according to claim 4 or claim 5, wherein a second one of the at least two plates comprises the second end of the wall.

7. An attachment according to claim 5 or claim 6, wherein the first of the at least two plates defines a radially inner surface of the slot.

8. An attachment according to claim 6 or claim 7, wherein the second one of the at least two plates defines a radially outer surface of the slot.

9. An attachment according to any preceding claim, wherein the attachment is generally tubular.

10. An attachment according to claim 9, wherein the wall is formed from at least two plates and the at least two plates extending longitudinally along the attachment and radially around the attachment.

11. An attachment according to claim 9 or claim 10, wherein the slot extends longitudinally along the attachment.

12. An attachment according to any preceding claim, wherein the slot is tangential to the wall.

13. An attachment according to claim 12, wherein fluid exiting the fluid outlet flows along a radially inner surface of the slot.

14. An attachment according to any preceding claim, comprising n slots and n plates.

15. An attachment according to any preceding claim, wherein one of the first end and second end of the wall includes a spacer which defines a thickness of the slot.

16. An attachment according to claim 15, wherein the second end of the wall comprises the spacer.

17. An attachment according to claim 15 or claim 16, wherein a pair of spacers are provided longitudinally spaced along the wall.

18. An attachment according to any preceding claim, wherein the at least one slot is formed as a spiral around the wall.

19. An attachment according to claim 18, wherein the spiral is clockwise in the direction of fluid flow.

20. An attachment according to claim 18, wherein the spiral is anticlockwise in the direction of fluid flow.

21. An attachment according to claim 18 or claim 19, wherein the slot is disposed at an angle of 1-89° to a longitudinal direction of the attachment.

22. An attachment according to claim 20 or claim 21, wherein the slot is disposed at an angle of 10-70° to a longitudinal direction of the attachment.

23. An attachment according to claim 20 or claim 21, wherein the slot is disposed at an angle of 30-60° to a longitudinal direction of the attachment.

24. An attachment according to claim 20 or claim 21, wherein the slot is disposed at an angle of 45° to a longitudinal direction of the attachment.

25. A hand held appliance comprising a handle having a fluid flow path from a fluid inlet to a fluid outlet and a fan unit for drawing fluid into the fluid inlet and an attachment for attaching to the handle, the attachment as claimed in any preceding claim.

26. An appliance according to claim 25, wherein the appliance is a hair care appliance.

27. An appliance according to claim 25, wherein the appliance is a hot styling brush.