module and the frame and at least one recess located on the other of the cushion module and the frame. The at least one protrusion is configured to engage the at least one recess to secure the cushion module to the frame.

In some configurations, the headgear comprises a yoke configured to connect the headgear to the patient interface. In some configurations the frame of the patient interface comprises a yoke.

In some configurations, the yoke comprises a central portion and at least one section extending from the central portion. The at least one section is configured to connect to the at least one strap of the headgear.

According to an aspect of this disclosure, there is provided a directional adjustment unit for a headgear for a respiratory mask, comprising

a housing,

at least one frictional engagement member arranged to be movable with respect to the housing, the at least one frictional engagement member having an aperture extending therethrough for receiving a filament of a strap of the headgear therethrough, the filament comprising a filament body having a substantially flat exterior surface portion extending along a longitudinal axis thereof, wherein the at least one frictional engagement member in a first movable configuration provides a disengaged configuration with respect to the filament, and in a second movable configuration provides an engaged configuration with respect to the filament, and

wherein, in the engaged configuration the substantially flat exterior surface portion of the filament body is brought into contact with the at least one frictional engagement member,

the at least one frictional engagement member is movable around a pivot axis, and wherein the first configuration relates to a first pivoted configuration, and the second configuration relates to a second pivoted configuration, and

the aperture forms a rounded edge at a face of the at least one frictional engagement member; the rounded edge comprising a curvature with reference to an axis parallel to the pivot axis.

The aperture forms a cavity or bore or passage extending through the at least one frictional engagement member.

In some embodiments, the at least one frictional engagement member is pivotally arranged to the housing around a pivot axis, wherein the at least one frictional engagement member in a first pivoted configuration provides a disengaged configuration with respect to the filament, and in a second pivoted configuration provides an engaged configuration with respect to the filament.

The directional adjustment unit may further comprise the filament.

The abutment of the abutment feature and the stop may be configured to generate a sudden increase in force, while any increase in extension of the filament is relatively low such that the abutment feature abuts the stop before the extension of the filament is sufficient to

CLAIMS

1. A directional adjustment unit for a headgear for a respiratory mask, comprising:

a housing;

at least one frictional engagement member arranged to be movable with respect to the housing, the at least one frictional engagement member having an aperture extending therethrough for receiving a filament of a strap of the headgear therethrough, the filament comprising a filament body having a substantially flat exterior surface portion extending along a longitudinal axis thereof, wherein the at least one frictional engagement member in a first movable configuration provides a disengaged configuration with respect to the filament, and in a second movable configuration provides an engaged configuration with respect to the filament;

wherein, in the engaged configuration the substantially flat exterior surface portion of the filament body is brought into contact with the at least one frictional engagement member,

the at least one frictional engagement member is movable around a pivot axis, and wherein the first configuration relates to a first pivoted configuration, and the second configuration relates to a second pivoted configuration, and

the aperture forms a rounded edge at a face of the at least one frictional engagement member; the rounded edge comprising a curvature with reference to an axis parallel to the pivot axis.

2. A headgear for a respiratory mask, comprising:

a strap comprising an elastic portion and a filament;

the filament located at least partially within the elastic portion; and

the directional adjustment unit according to claim 1,

wherein the at least one movable frictional engagement member having the aperture forms a cavity extending through the at least one frictional engagement member, wherein the aperture is arranged to receive the filament therethrough.

3. The headgear of claim 2, wherein the cavity forms an engagement surface region that is linear or substantially linear along a lateral axis parallel or substantially parallel to the pivot axis.

4. The headgear of claim 2 or claim 3, wherein the aperture, at a face of the at least one frictional engagement member, is:
    i. non-round, non-circular, non-elliptic, or non-oval; or
    ii. quadrilateral, or rectangular.

5. The headgear of claim 2 or any claim dependent on claim 2, wherein the aperture is provided offset to the pivot axis and extends through the at least one frictional engagement member along an axis having a component perpendicular to the pivot axis.

6. The headgear of any one of claims 2 to 5 wherein the cavity:
    i. comprises a side which is parallel or substantially parallel to the pivot axis; and/or
    ii. comprises a quadrilateral cross section in a plane parallel to the pivot axis and an axis normal to the pivot axis; and/or
    iii. extends through the at least one frictional engagement member perpendicular or substantially perpendicular to the pivot axis; and/or
    iv. extends through the at least one frictional engagement member symmetrically around a central axis.

7. The headgear of claim 3 wherein the engagement surface region forms part of, or comprises, at least one interior cavity wall surface of the cavity of the at least one frictional engagement member.

8. The headgear of any one of claims 2 to 7, wherein:
    i. the cavity has the shape of a rectangular elongated body or prism and/or
    ii. at least one interior cavity sidewall surface of the cavity comprises a flat or substantially flat profile in one or more frontal planes, wherein each frontal plane intersects the central axis at a distinct position and comprises the normal vector of the central plane said distinct position; and/or
    iii. at least one interior cavity sidewall surface of the cavity comprises a flat or substantially flat profile along one or more central plane normal vectors, each intersecting the central axis at different longitudinal positions thereof.

9. The headgear of claim 8 wherein at least one interior cavity sidewall surface of the cavity maintains said flat or substantially flat profile along a portion of the central axis.

10. The headgear of any one of claims 2 to 9, wherein the at least one frictional engagement member comprises a base member through which the pivot axis extends, and:
    i. at least a first section extending from the base member in a direction perpendicular to the pivot axis; and
    ii. a second section extending from an end of the first section in a direction away from the pivot axis, wherein the second section is arranged at an angle in relation to the first section.

11. The headgear of claim 10 wherein the at least first section comprises a rectangular cross section in plane perpendicular to the pivot axis.

12. A respiratory mask or interface, comprising the headgear of any one of claims 2 to 11.

13. A respiratory therapy system, comprising the respiratory mask or interface of claim 12, the respiratory therapy system comprising any one or more of:
    a flow generator;
    a humidifier;
    a breathing gas delivery conduit;
    an expiratory circuit.