CLAIMS

1. A bearing mount for supporting a bearing, the bearing mount comprising:

an annular body,

a collar extending concentrically with the annular body and outwardly from the annular body, the collar having a narrower outer diameter than an outer diameter of the annular body forming a recess between the annular body and the collar,

a central bore extending through the annular body and the collar, the central bore having a wall and a ledge extending radially inwardly from the wall of the central bore, the central bore defining a bearing rotational axis,

the ledge being disposed near one end of the central bore and the collar being disposed near another end of the central bore,

wherein the bearing mount is arranged to receive the bearing in the central bore such that the bearing is radially supported by the inner surface of the bearing mount, and axially supported by the ledge, and

wherein at least part of the bearing mount is arranged to flex or resiliently deform such that the collar moves in a direction generally parallel to the bearing rotational axis when a force is applied to the bearing mount to reduce the amount of the force that is translated to the bearing.

2. A bearing mount according to claim 1, wherein the at least part of the bearing mount is arranged to flex or resiliently deform when a force is applied to the bearing mount such that the force translated to the bearing retained in the central bore remains generally constant as the force applied to the bearing mount increases beyond a threshold.

3. A bearing mount according to claim 1 or claim 2, wherein the recess provides an area into which the annular body may flex or resiliently deform when a force is applied to the bearing mount.

4. A bearing mount according to any one of claims 1 to 3, wherein the annular body extends outwardly at a non-perpendicular angle relative to the bearing rotational axis.

5. A bearing mount according to any one of claims 1 to 4, wherein the annular body comprises a rim at or near the outer periphery of the annular body.

6. A bearing mount according to any one of claims 1 to 5, wherein the ledge is substantially perpendicular to the bearing rotational axis.

7. A bearing mount according to any one of claims 1 to 6, wherein at least the annular body comprises a silicone material.

8. A blower for an apparatus for delivering a flow of gas, the blower comprising:

a casing,

an impeller,

a motor for driving the impeller, the motor including:

a rotatable shaft,

a rotor connected to the rotatable shaft, and

a stator,

a bearing arranged to allow rotation of the rotatable shaft relative to the casing, and

a bearing mount according to any of claims 1 to 7, wherein the bearing mount is arranged to support the bearing.