

Title (en)

A MASK-BASED BREATHING APPARATUS AND CONTROL METHOD

Title (de)

MASKENBASIERTE BEATMUNGSVORRICHTUNG UND STEUERUNGSVERFAHREN

Title (fr)

APPAREIL RESPIRATOIRE À BASE DE MASQUE ET PROCÉDÉ DE COMMANDE

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Application

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Abstract (en)

[origin: EP3406301A1] The invention provides a breathing assistance mask. In one aspect, signals generated with the fan motor which result from mechanical movement of the fan when it is turned off, caused by breathing of the user, are detected, and used to switch the fan on. In another aspect, a pressure monitoring system is implemented. The rotation speed of the fan is used to derive a pressure or detect pressure change in the mask air chamber coupled to the fan. This avoids the need for a separate pressure sensor, and the pressure across the mask is used to determine if the mask is being worn.

IPC 8 full level

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