

Title (en)

A POLLUTION MASK AND CONTROL METHOD

Title (de)

VERSCHMUTZUNGSMASKE UND STEUERUNGSVERFAHREN

Title (fr)

MASQUE DE POLLUTION ET PROCÉDÉ DE COMMANDE

Publication

EP 3856360 B1 20220420 (EN)

Application

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Abstract (en)

[origin: WO2020064520A1] A fan rotation speed or change in fan rotation speed is monitored of a mask, and from this a first value relating to magnitude of a pressure fluctuation across the fan and a second value relating to a rate of pressure fluctuation are obtained. It can then be determined whether or not the mask is worn based on the first and second values. This provides a reliable detection of whether or not the mask is worn and it requires a small amount of sampling data of the fan rotation signal, hence saving power.

IPC 8 full level

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