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(54) **DEVICE, SYSTEM AND METHOD FOR DETECTION OF AN ASTHMA ATTACK OR ASTHMA OF A SUBJECT**

(58) **Field of Classification Search**
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(57) **ABSTRACT**

(30) **Foreign Application Priority Data**

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The present invention relates to a device (10, 10a, 10b), system (1, 2, 3) and method for detection of an asthma attack or asthma of a subject. For this purpose, the device comprises a light sensor input (11), e.g. a 2D camera, for obtaining light sensor data of the scene and a thermal sensor input (12), e.g. a thermal camera, for obtaining thermal sensor data of a scene including a subject while breathing. An analysis unit (13) obtains these data and derives respiratory effort information indicating respiratory efforts of the subject from the obtained light sensor data and/or the obtained thermal sensor data and derives airflow information indicating airflow during respiration of the subject from the obtained thermal sensor data. Further, the analysis unit (13)

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