

Title (en)  
RESPIRATORY MOTION DETECTION SYSTEM

Title (de)  
ATEMBEWEGUNGSNACHWEISSYSTEM

Title (fr)  
SYSTEME DE DETECTION DE MOUVEMENTS RESPIRATOIRES

Publication  
**EP 1659941 A1 20060531 (FR)**

Application  
**EP 03818368 A 20030903**

Priority  
BE 0300146 W 20030903

Abstract (en)  
[origin: WO2005020815A1] The invention relates to a novel respiratory motion detector (RMD) which is used to observe the physiological respiratory motion of a patient and which is based on infrared motion detection (PIR technology). The inventive detector can be used during the day and at night in order to detect chest expansion with each inhale and exhale and to detect the warm exhaled air flow. The invention is suitable for both adults and new-borns as well as for use in veterinary medicine. In the event of a prolonged respiratory arrest, the electronic system can be used to trigger a local and/or remote alarm.

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Citation (search report)  
See references of WO 2005020815A1

Citation (examination)  
DE 4440985 A1 19961031 - BRENNER BERNHARD DIPL PHYS [DE]

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