

ABSTRACT

**SYSTEM FOR ANALYZING A PATIENT USING A TRANSCUTANEOUS
SENSOR**

The invention relates to a system for analyzing a patient using a transcutaneous sensor, having a base unit for attaching to the patient, an injector, releasably connectable to the base unit, for the transcutaneous insertion of the sensor into the patient, and a detection unit, releasably connectable to the base unit, for generating measurement data by the sensor.

The invention is characterized in that the base unit has a holding device which is configured to cooperate with the injector and detection unit such that, in a detection configuration with the detection unit arranged on the base unit, a contact pressure is applied to the sensor by the holding device for frictional fixing, and in an injection configuration with the injector arranged on the base unit, a lower contact pressure than in the detection configuration is applied to the sensor by the holding device.

(Figure 1)