

Title (en)  
DEVICE FOR MONITORING A PUMP

Title (de)  
VORRICHTUNG ZUR PUMPENÜBERWACHUNG

Title (fr)  
DISPOSITIF DE SURVEILLANCE D'UNE POMPE

Publication  
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Application  
**EP 11758208 A 20110921**

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Abstract (en)  
[origin: WO2012052246A1] The invention describes a device and a method for monitoring rotating components in centrifugal pumps or systems which comprise centrifugal pumps, composed of a first unit (1) which is permanently connected to the component to be monitored and comprises at least one sensor (2) for sensing component properties, an evaluation unit (4) for analyzing sensor signals, a transmitting unit (5) for transmitting an analysis result to a receiver which is arranged spatially separate from the monitored component, and a source for supplying power (6), and a second unit (9) comprising a receiver unit (10), a means for evaluating (11) the transmitted signal, and means for representing (8) and/or passing on (13) a sensed component property, in which means the transmission of the analysis result is carried out in an acoustic fashion using sound waves.

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