

Title (en)

Impeller arrangement and method of condition detection in an impeller arrangement

Title (de)

Laufadanordnung und Verfahren zur Zustandserkennung in einer Laufadanordnung

Title (fr)

Agencement de turbine et procédé de détection de condition dans un agencement de turbine

Publication

EP 2014924 A1 20090114 (EN)

Application

EP 07013712 A 20070712

Priority

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Abstract (en)

An impeller arrangement is provided which comprises an impeller casing (9), an impeller (1), a shaft (3) fixed to the impeller (1) and a shaft bearing (5). It further comprises a condition detection system with one or more sensors (27, 29) which is/are located and designed such as to be able to detect acoustic waves in the impeller casing (9) and/or the impeller (1) and/or the shaft (3) and/or in the shaft bearing (5).

IPC 8 full level

F04D 27/00 (2006.01); **F04D 27/02** (2006.01); **G01M 13/02** (2006.01); **G01M 13/04** (2006.01)

CPC (source: EP)

F04D 27/0292 (2013.01)

Citation (search report)

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DOCDB simple family (application)

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