Title (en)

GUIDE BLADE ARRANGEMENT OF A NON-POSITIVE-DISPLACEMENT MACHINE

Title (de)

LEITSCHAUFEL-ANORDNUNG EINER STRÖMUNGSMASCHINE

Title (fr)

SYSTEME D'AUBES DIRECTRICES D'UNE TURBOMACHINE

Publication

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Application

EP 06793334 A 20060907

Priority

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- CH 16142005 A 20051006

Abstract (en)

[origin: WO2007039396A1] The invention relates to a guide blade arrangement (1) of a non-positive-displacement machine (4), particularly of a gas turbine, comprising at least one guide blade support (2) and a number of guide blades (3), which are fastened to the guide blade support (2) and are adjacently arranged in a peripheral direction. The fastening between the guide blade support (2) and the respective guide blade (3) is provided in an axially insertable manner. In order to simplify the removal of an individual guide blade (3), at least one of the guide blades (3) is equipped with a pull-off device (35) that has at least one axially extending pull-off through opening (36). The respective pull-off through opening (36) is equipped with an internal thread (37). The guide blade support (2) is equipped with am abutment region (38) located opposite the pull-off through opening (36). The pull-off device (35) is designed for introducing axially oriented pull-off forces into the respective guide blade (3) by means of a pull-off tool, which is provided with an outer thread and which is placed in the pull-off through opening (36) and presses against the abutment region (38) in order to pull off the respective guide blade (3) from the guide blade support (2).

IPC 8 full level

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CPC (source: EP)

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Cited by

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