

Title (en)

DEVICE AND METHOD FOR MEASURING BLADE TIP PASSAGE TIMES IN A TURBOMACHINE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR MESSUNG DER SCHAUFELSPITZENPASSIERZEITEN IN EINER TURBOMASCHINE

Title (fr)

DISPOSITIF ET PROCEDE DE MESURE DES TEMPS DE PASSAGE DE SOMMETS D'AUBES DANS UNE TURBOMACHINE

Publication

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Application

EP 12738537 A 20120627

Priority

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Abstract (en)

[origin: WO2013004951A2] The invention relates to the measurement of blade tip passage times in a turbomachine using a capacitive sensor mounted on a casing in line with the path followed by the tips (80) of the blades of a compressor rotor of the turbomachine. The sensor comprises at least one longilinear electrode (70) fixed to the internal face of the casing and oriented obliquely with respect to the path of the blade tips (80).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2013004951A2

Citation (examination)

US 2010076703 A1 20100325 - TWERDOCHLIB MICHAEL [US]

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DOCDB simple family (publication)

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