

Title (en)

Sealing structure for a pivoting blade of a turbomachine.

Title (de)

Abdichtungsstruktur für einen schwenkbaren Schaufel einer Turbomaschine.

Title (fr)

Structure d'étanchéité pour une aube pivotante de turbomachine.

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Application

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Priority

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Abstract (en)

Sealing structure for a blade (8) of a turbomachine pivoting about a spindle (9). A split ring (11) is housed in a groove (10) into which it can be driven and held by a sleeve (22). When the blade is fitted, the sleeve (22) abuts against a wall of the stator (1), slides on the pivot (9) and releases the ring (11) which expands and provides sealing. The invention relates to some turbomachines in which the stator blades have what is known as variable pitch. <IMAGE>

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Citation (search report)

- [AD] FR 2452591 A1 19801024 - GEN ELECTRIC
- [A] GB 2016091 A 19790919 - MTU MUENCHEN GMBH [DE]
- [A] DE 2245068 A1 19740321 - BBC SULZER TURBOMASCHINEN

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