

Title (en)
INNER SHROUD AND ORIENTABLE VANE OF AN AXIAL TURBOMACHINE COMPRESSOR AND MANUFACTURING PROCESS

Title (de)
INNENRING UND AUSRICHTBARE LEITSCHAUFEL EINES KOMPRESSORS EINES AXIALEN TURBOTRIEBWERKS UND HERSTELLUNGSVERFAHREN

Title (fr)
VIROLE INTERNE ET AUBE ORIENTABLE DE COMPRESSEUR DE TURBOMACHINE AXIALE ET PROCÉDÉ D'ASSEMBLAGE

Publication
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Application
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Abstract (en)
[origin: CA2976930A1] An assembly for the compressor stator of a turbomachine includes: a shroud, possibly an inner shroud, which is axially divided into two parts; a pocket formed in the shroud; a bearing located in the pocket; and an orientable vane pivotably mounted in the bearing about a pivot axis. The shroud includes an axial interface separating the parts which is axially offset from the pivot axis of the orientable vane. A process for assembling the assembly includes fitting the first part of the inner shroud, radially inserting the orientable vane into an outer support, radially engaging the bearing, and fitting the second part of the inner shroud.

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