

Title (en)
BLADE RING FOR AN AXIAL TURBO ENGINE AND METHOD FOR ADJUSTING THE ABSORPTION CHARACTERISTICS OF THE BLADE RING

Title (de)
SCHAUFELKRANZ FÜR EINE AXIALTURBOMASCHINE UND VERFAHREN ZUM JUSTIEREN DER SCHLUCKFÄHIGKEIT DES SCHAUFELKRANZES

Title (fr)
COURONNE D'AUBE POUR UNE TURBOMACHINE AXIALE ET PROCÉDÉ D'AJUSTEMENT DE LA CAPACITÉ DE DÉBIT MASSIQUE DE LA COURONNE D'AUBE

Publication
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Application
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Abstract (en)
[origin: EP2623717A1] The blade ring has a radially inward facing outer surface and a radially outward facing inner surface, where the outer surface is arranged on an outer ring and the inner surface is arranged on an inner ring. The surfaces are arranged concentrically and parallel to each other and limit an annular flow channel (4) tapering in the main flow direction of the axial turbomachine (1). An adjusting shovel (7) is arranged in parallelly displaceable manner to a surface line of one of the surfaces in flow channel by a guide unit. An independent claim is included for a method for adjusting absorption ability of a blade ring.

IPC 8 full level
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See references of WO 2013113415A1

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