

Title (en)

GUIDE VANE, CORRESPONDING GUIDE VANE RING AND ASSEMBLY METHOD

Title (de)

LEITSCHAUFEL, ZUGEHÖRIGER LEITSCHAUFELKRANZ UND MONTAGEVERFAHREN

Title (fr)

AUBE DIRECTRICE, AUBAGE DIRECTEUR ET PROCÉDÉ DE MONTAGE ASSOCIÉS

Publication

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Application

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Priority

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Abstract (en)

[origin: US2017268356A1] A guide vane (10, 10') according to the invention for a guide vane ring of a turbomachine has a vane element as well as a guide vane plate (12) for its support on an inner ring (20). The guide vane plate has a cover surface (14) facing the vane element, a base surface (17) lying opposite to the cover surface, and an edge surface (15) joining the cover and base surfaces. In a first region (B1), the edge surface forms a chamfer (16) of the vane plate, and in a second region (B2), which forms the edge of a sector of the guide vane plate that is different from that of the first region (B1), the edge surface runs along a cylindrical surface. A method comprises inserting a plurality of guide vanes (10, 10') according to the invention into respective uptakes (21) in an inner ring (20).

IPC 8 full level

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