

Title (en)
SLOTTED GUIDE VANE

Title (de)
GESCHLITZTE STRÖMUNGSLEITSCHAUFEL

Title (fr)
AUBE DIRECTRICE A FENTE

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Application
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Abstract (en)
[origin: WO2004044387A1] The invention concerns a nozzle ring comprising two fixing elements (21, 22) and, between said fixing elements, guide vanes (3). The guide vanes (3) have flow-line profiles. In the zone of their trailing edge (31), the guide vanes (3) are correspondingly thin so as to reduce losses related to fluid techniques. A slot (4) is provided in said zone (32) of thin design. Said slot enable, during wet process cleaning of the guide ring with cold water, a high reduction of large surface thermal stresses so as to avoid any marked deformation of the guide vanes at high temperatures.

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