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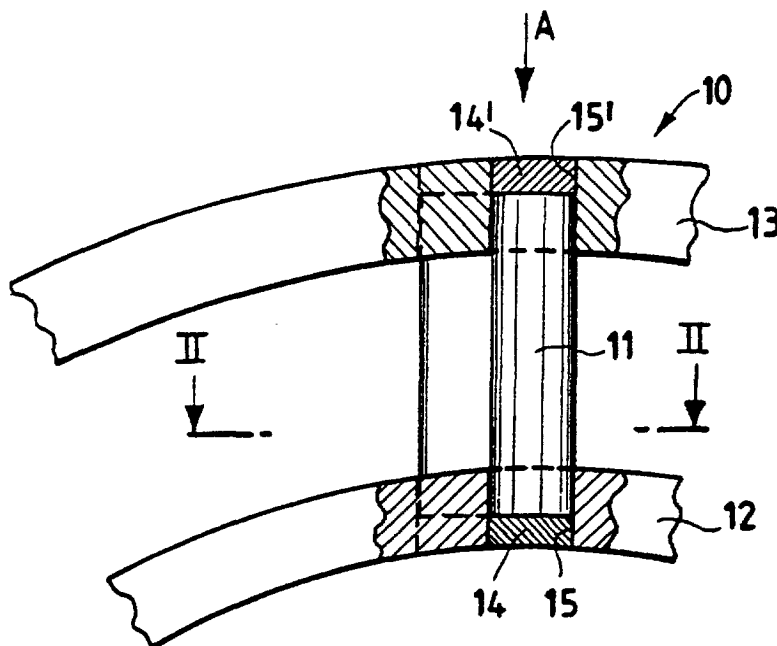
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(54) **Turbine stator**

(57) A process for producing a stator diaphragm (10) in a steam turbine or gas expander, which provides a preparation phase of two rings (12, 13), machined separately to obtain radial slots (15, 15') having the profile of the blades (11) of a stator stage of the steam turbine or of the gas expander and suitable for the subsequent

housing of the blades (11), in which an appropriate quantity of brazing material (14, 14'), in the form of paste, is inserted into the cavities (15, 15') and the diaphragm (10) is subjected to a furnace brazing operation in vacuo. The invention further relates to a stator diaphragm (10) for steam turbine or gas expander.

Fig.1





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EUROPEAN SEARCH REPORT

Application Number
EP 01 30 3458

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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 14 April 2004	Examiner Teusch, R
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