

Title (en)

PROTECTION FROM EROSION AND EROSION CORROSION AT RIBS OF CAST HOUSINGS

Title (de)

SCHUTZ VOR EROSION UND EROSIONSKORROSION AN STEGEN VON GUSSGEHÄUSEN

Title (fr)

PROTECTION CONTRE L'ÉROSION ET LA CORROSION PAR ÉROSION DE NERVURES DE CARTER MOULÉS

Publication

**EP 3060766 A1 20160831 (DE)**

Application

**EP 15702384 A 20150108**

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Abstract (en)

[origin: WO2015120997A1] The present invention relates to a housing device (100) for a steam turbine and a manufacturing method therefor. The housing device (100) comprises a housing body (101) which extends along an axial direction of a turbine shaft of the steam turbine and has an inner surface (102) facing radially towards the turbine shaft. The inner surface (102) encloses at least partially a working volume, through which a working fluid of the steam turbine can be guided. The housing body (101) has an inner rib (104), which projects from the inner surface (102) in the radial direction (112). The inner rib (104) has an axial surface and a radial surface (105), which is formed adjacent to the axial surface (106). A guide blade carrier of the steam turbine can be fastened to the fastening ring (103). The fastening ring (103) has a first cover region (107) and a second cover region (108), wherein the fastening ring (103) is fastened to the inner rib (104) in such a manner that the first cover region (107) covers the axial surface (106) and the second cover region (108) covers the radial surface (105).

IPC 8 full level

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Citation (search report)

See references of WO 2015120997A1

Citation (examination)

- EP 2196628 A1 20100616 - SIEMENS AG [DE]
- DE 102008033400 A1 20100121 - SIEMENS AG [DE]
- EP 2230043 A1 20100922 - SIEMENS AG [DE]

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