

Title (en)

RADIAL TURBINE HAVING A CLEANING DEVICE FOR CLEANING A GUIDE VANE RING AND METHODS FOR MOUNTING AND DEMOUNTING THE CLEANING DEVICE

Title (de)

RADIALTURBINE MIT EINER REINIGUNGSVORRICHTUNG ZUR REINIGUNG EINES LEITSCHAUFELRINGS UND VERFAHREN ZUR MONTAGE UND DEMONTAGE DER REINIGUNGSVORRICHTUNG

Title (fr)

TURBINE RADIALE POURVUE D'UN DISPOSITIF DE NETTOYAGE DESTINÉ À NETTOYER UNE BAGUE D'AUBAGE DIRECTEUR ET PROCÉDÉS DE MONTAGE ET DE DÉMONTAGE DU DISPOSITIF DE NETTOYAGE

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Abstract (en)

[origin: WO2022078727A1] The invention relates to a radial turbine (20). The radial turbine (20) comprises: - a turbine housing (21) having a radial gas inflow channel (22); - a nozzle ring (23), which is disposed in the radial gas inflow channel (22); and - an annular cleaning device (10) for cleaning the nozzle ring (23). The annular cleaning device (10) is connected to a cleaning-agent feed (13) by means of an axially insertion-connectable supply line (12) such that, after or during the demounting of the nozzle ring (23), the annular cleaning device (10) can be removed from the turbine housing (21) in the axial direction. The invention also relates to a method for mounting a cleaning device for cleaning a nozzle ring of a radial turbine and to a method for demounting the cleaning device.

IPC 8 full level

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