

Title (en)
TURBINE STAGE

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Application
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Priority
FR 8100039 A 19810105

Abstract (en)
[origin: WO8202418A1] Turbine stage comprising a fixed rack (204) followed by a moving rack (205) comprising blades (206, 207) mounted between a floor (201, 211) and a ceiling (202, 212). The surfaces of the ceiling (202, 212) and/or the floor (201, 211) admit as the meridian line sine curves of which the maximum for that of the ceiling (202, 212), the maximum or the minimum for that of the floor (201, 211) are in the inter-rack plane. The curvature of this sine curve at the outlet of the fixed rack (204) is calculated so as to make the tangential and radial static pressure gradients at the ceiling and/or the floor at the outlet of the fixed rack (204) equal. The disturbances are confined in restricted areas, which improves the output of the stage.

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IPC 8 full level
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