

Title (en)

Steam turbine with extraction of steam through hollow stator vanes

Title (de)

Dampfturbine mit Anzapfung durch hohle Leitschaufel

Title (fr)

Turbine à vapeur comportant des aubes creuses statoriques pour le prélèvement de vapeur

Publication

EP 1630362 A1 20060301 (DE)

Application

EP 04019958 A 20040823

Priority

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Abstract (en)

The steam turbine installation includes an expansion section connected to a steam generator and in which stationary guide vanes direct steam to rotating blades fitted on a turbine shaft. The guide vanes (142) have a hollow profile (57) and form a pressure side wall (53) forming the guide surface, and a rear suction side wall (55). A bleed tapping is formed by a slot (154) which is located in the region of the suction side wall of the guide vane.

IPC 8 full level

F01D 25/32 (2006.01); **F01D 5/14** (2006.01); **F01D 5/18** (2006.01)

CPC (source: EP)

F01D 5/145 (2013.01); **F01D 5/18** (2013.01); **F01D 25/32** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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