

Title (en)

ONE PIECE INTERNAL CASING FOR A HP-MP STEAMTURBINE WITH CONTROLLED COOLING

Publication

EP 0394894 B1 19930303 (FR)

Application

EP 90107617 A 19900423

Priority

FR 8905543 A 19890426

Abstract (en)

[origin: EP0394894A1] HP-MP steam-turbine body comprising a single inner stator (57) surrounding the HP part (2) and MP part (3) of the rotor. The inner stator (57) defines with the outer stator (9) means (11) for the axial positioning of the inner stator (57), and a thermal screen (10) defines an inter-stator space (19) swept by the steam taken from one of the last stages (25) of the HP section (6). <??>The parts of the inner stator which surround the entire expansion sector of the HP section (6) and the hot stages of the MP section (8) are thus air-conditioned to an optimum degree, thereby making it possible to reduce the thermal gradient supported by the inner stator (57) and the temperature of the bolts of the stators (57) and (9). <IMAGE>

IPC 1-7

F01D 25/12; F01D 25/26

IPC 8 full level

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CPC (source: EP KR US)

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