

Title (en)

Device for adjusting the extraction pressure of a steam turbine and steam turbine equipped with such a device.

Title (de)

Vorrichtung zur Regulierung des Dampfentnahmedrucks einer Dampfturbine und mit einer solchen Vorrichtung ausgestattete Dampfturbine

Title (fr)

Dispositif de réglage de la pression de soutirage d'une turbine à vapeur et turbine à vapeur pourvue d'un tel dispositif.

Publication

EP 1970543 B1 20120502 (FR)

Application

EP 08101524 A 20080212

Priority

FR 0753756 A 20070312

Abstract (en)

[origin: EP1970543A1] The device has a grid shutter (20) arranged in a steam flow path, and including a grid (25) movable with respect to a fixed grid (24) for delimiting an adjustable passage section for the shutter. An application unit applies an effort between the fixed and movable grids, and has an annular groove (26) formed in the fixed grid. The groove is supplied with steam collected in an expansion stage that is located near a steam intake.

IPC 8 full level

F01D 17/14 (2006.01); **F16K 3/10** (2006.01)

CPC (source: EP)

F01D 17/145 (2013.01)

Cited by

WO2023025415A1; IT202100022412A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1970543 A1 20080917; EP 1970543 B1 20120502; AT E556196 T1 20120515; FR 2913719 A1 20080919; FR 2913719 B1 20120622

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