

Title (en)

Steam turbine with a strut for supporting a component

Title (de)

Dampfturbine mit einer Strebe zum Abstützen eines Bauelements

Title (fr)

Turbine à vapeur avec une entretoise pour support d'un composant

Publication

EP 1650408 B1 20130327 (DE)

Application

EP 04025242 A 20041022

Priority

EP 04025242 A 20041022

Abstract (en)

[origin: EP1650408A1] The turbine has a support strut (20) arranged in a steam pipeline or chamber to support components of the turbine. The strut is provided with a thermal insulation layer (24) in sections, where the layer is designed as a tubular thermal protection coat that encloses support units absorbing supporting forces or low pressure sealing steam pipeline units of the strut. The layer is cooled by a cooling medium through forced or free convection.

IPC 8 full level

F01D 25/16 (2006.01)

CPC (source: EP)

F01D 25/162 (2013.01); **F05D 2230/90** (2013.01); **F05D 2260/20** (2013.01)

Cited by

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