

Title (en)

Steam turbine and method of cooling a steam turbine

Title (de)

Dampfturbine sowie Verfahren zur Kühlung einer Dampfturbine

Title (fr)

Turbine à vapeur et procédé pour le refroidissement d'une turbine à vapeur

Publication

**EP 1788191 A1 20070523 (DE)**

Application

**EP 05025245 A 20051118**

Priority

EP 05025245 A 20051118

Abstract (en)

Steam turbine (2) comprises, a high pressure partial turbine (12), which is fluidically connected to a medium pressure partial turbine (14) and a common turbine shaft (6) is arranged to partial turbines. A cooling capacity (38) is provided, over which exhaust steam from the high pressure partial turbine can be supplied for cooling purposes into the medium pressure partial turbine. An independent claim is also included for method for cooling of a steam turbine.

IPC 8 full level

**F01D 5/08** (2006.01); **F01D 1/16** (2006.01); **F01D 3/04** (2006.01); **F01D 9/06** (2006.01); **F01D 25/14** (2006.01)

CPC (source: EP)

**F01D 3/04** (2013.01); **F01D 5/084** (2013.01); **F01D 9/065** (2013.01); **F01D 25/14** (2013.01); **F05D 2240/242** (2013.01); **F05D 2260/2322** (2013.01)

Citation (applicant)

DE 19700899 A1 19980723 - SIEMENS AG [DE]

Citation (search report)

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DOCDB simple family (publication)

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