

Title (en)
METHOD FOR OPERATING A TURBINE

Title (de)
VERFAHREN ZUM BETREIBEN EINER TURBINE

Title (fr)
PROCEDE D'UTILISATION D'UNE TURBINE

Publication
EP 1252417 B1 20081126 (DE)

Application
EP 00985204 A 20001219

Priority

- EP 00985204 A 20001219
- EP 0012965 W 20001219
- EP 00102052 A 20000202

Abstract (en)
[origin: WO0157366A1] According to the invention, the thermal load to which a turbine (4) is subjected is kept within an acceptable range by monitoring the change in temperature (T) of the medium that is supplied to the turbine (4), especially fresh steam, over time. An emergency trip for the supply of fresh steam to the turbine (4) preferably takes place if a maximum temperature gradient (dT/dt(max)) is exceeded.

IPC 8 full level
F01D 17/24 (2006.01); **F01K 7/16** (2006.01); **F01D 17/08** (2006.01); **F01D 21/12** (2006.01)

CPC (source: EP US)
F01D 17/085 (2013.01 - EP US); **F01D 21/12** (2013.01 - EP US); **F01K 7/165** (2013.01 - EP US); **F05D 2220/31** (2013.01 - EP US); **F05D 2270/112** (2013.01 - EP US); **F05D 2270/3032** (2013.01 - EP US)

Cited by
US9310119B2

Designated contracting state (EPC)
CH DE FR GB IT LI SE

DOCDB simple family (publication)
WO 0157366 A1 20010809; CN 1283904 C 20061108; CN 1425103 A 20030618; DE 50015468 D1 20090108; EP 1252417 A1 20021030; EP 1252417 B1 20081126; JP 2003521623 A 20030715; JP 4694080 B2 20110601; US 2003012639 A1 20030116; US 6647728 B2 20031118

DOCDB simple family (application)
EP 0012965 W 20001219; CN 00818528 A 20001219; DE 50015468 T 20001219; EP 00985204 A 20001219; JP 2001555985 A 20001219; US 18280002 A 20020802