

Title (en)
THERMAL POWER PLANT, IN PARTICULAR SOLAR THERMAL POWER PLANT

Title (de)
THERMISCHE KRAFTWERKSANLAGE, INSBESONDERE SOLARTHERMISCHE KRAFTWERKSANLAGE

Title (fr)
CENTRALE THERMIQUE, EN PARTICULIER CENTRALE HÉLIOTHERMIQUE

Publication
EP 2394109 A2 20111214 (DE)

Application
EP 10705312 A 20100120

Priority
• EP 2010050639 W 20100120
• DE 102009007232 A 20090203

Abstract (en)
[origin: WO2010089197A2] The invention relates to a thermal power plant, in particular asolar thermal power plant (1), comprising a gas turbine device, in which a mediumcirculating in a circuit (3) and heated by thermal energy is conducted through a turbine (4) in order to produce electric energy, and subsequently into a capacitor (5) cooled by a cooling device (6) in order to liquefy the medium, wherein the cooling device (6) is designed as a solar-operated cooling device (6) having a closed coolant circuit (7).

IPC 8 full level
F01K 9/00 (2006.01); **F24S 23/74** (2018.01); **F25B 27/00** (2006.01)

CPC (source: EP US)
F01K 9/003 (2013.01 - EP US); **F01K 23/02** (2013.01 - EP US); **F25B 27/002** (2013.01 - EP US); **Y02E 10/46** (2013.01 - EP US)

Citation (search report)
See references of WO 2010089197A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
DE 102009007232 A1 20100805; AU 2010211201 A1 20110804; AU 2010211201 B2 20130321; CN 102686958 A 20120919; EP 2394109 A2 20111214; US 2011289935 A1 20111201; WO 2010089197 A2 20100812; WO 2010089197 A3 20110922

DOCDB simple family (application)
DE 102009007232 A 20090203; AU 2010211201 A 20100120; CN 201080005275 A 20100120; EP 10705312 A 20100120; EP 2010050639 W 20100120; US 201013138338 A 20100120