

Title (en)

METHOD AND APPARATUS FOR A DELAYED AND PROLONGED AIR COOLING CONDENSATION SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG FÜR EIN KONDENSATIONSSYSTEM MIT VERZÖGERTER UND VERLÄNGERTER LUFTKÜHLUNG

Title (fr)

PROCÉDÉ ET APPAREIL POUR UN SYSTÈME DE CONDENSATION DE REFROIDISSEMENT D'AIR DE MANIÈRE RETARDÉE ET PROLONGÉE

Publication

EP 2756253 A1 20140723 (EN)

Application

EP 12832639 A 20120911

Priority

- US 201161533551 P 20110912
- US 2012054688 W 20120911

Abstract (en)

[origin: WO2013039926A1] In various embodiments devices and methods are provided for an improved dry-cooling condensation system. In certain embodiments the methods involve receiving steam from a source of steam (e.g., a power plant); condensing the steam into water while transferring the latent heat of the steam into the latent heat of a thermal storage material; and dissipating the latent heat from the thermal storage material at a later time when the ambient temperature is lower than the ambient temperature at the time the steam was condensed into water.

IPC 8 full level

F28D 20/02 (2006.01)

CPC (source: EP US)

F28B 1/06 (2013.01 - EP US); **F28D 20/00** (2013.01 - US); **F28D 20/02** (2013.01 - EP US); **F28F 5/00** (2013.01 - EP US); **F28F 2265/00** (2013.01 - EP US); **Y02E 60/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2013039926A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013039926 A1 20130321; CN 103930746 A 20140716; EP 2756253 A1 20140723; US 2013240188 A1 20130919

DOCDB simple family (application)

US 2012054688 W 20120911; CN 201280044462 A 20120911; EP 12832639 A 20120911; US 201213610661 A 20120911