

Title (en)
MODULAR AIR COOLED CONDENSER APPARATUS AND METHOD

Title (de)
MODULARE LUFTGEKÜHLTE KONDENSATORVORRICHTUNG UND VERFAHREN

Title (fr)
PROCÉDÉ ET APPAREIL CONDENSEUR MODULAIRE REFROIDI PAR AIR

Publication
EP 3004777 A1 20160413 (EN)

Application
EP 14804886 A 20140528

Priority
• US 201361828076 P 20130528
• US 2014039718 W 20140528

Abstract (en)
[origin: WO2014193916A1] The present invention relates to a mechanical draft cooling tower that employs air cooled condenser modules. The aforementioned cooling tower operates by mechanical draft and achieves the exchange of heat between two fluids such as atmospheric air, ordinarily, and another fluid which is usually steam. The aforementioned cooling tower utilizes a modular air cooled condenser concept wherein the air cooled condensers utilize heat exchange deltas that use tube bundles that are manufactured and assembled prior to being shipped to the tower site.

IPC 8 full level
F28F 9/00 (2006.01); **E04H 5/10** (2006.01); **F01K 5/02** (2006.01); **F28B 1/06** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)
E04H 5/10 (2013.01 - EP US); **E04H 5/12** (2013.01 - US); **F01K 5/02** (2013.01 - EP US); **F28B 1/06** (2013.01 - EP US); **F28C 1/00** (2013.01 - US); **F28F 9/002** (2013.01 - EP US); **F28F 9/02** (2013.01 - EP US); **F28F 25/00** (2013.01 - US); **F28F 2009/029** (2013.01 - EP US); **Y10T 29/49352** (2015.01 - EP US); **Y10T 29/49636** (2015.01 - EP US)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014193916 A1 20141204; CN 105247314 A 20160113; EP 3004777 A1 20160413; EP 3004777 A4 20160622; EP 3004777 B1 20170726; ES 2642077 T3 20171115; KR 20160016886 A 20160215; US 2015345166 A1 20151203

DOCDB simple family (application)
US 2014039718 W 20140528; CN 201480030837 A 20140528; EP 14804886 A 20140528; ES 14804886 T 20140528; KR 20157036276 A 20140528; US 201414287922 A 20140527