

Title (en)

AERO-REFRIGERATION TOWER WITH PASSAGE FOR BYPASSING A HUMIDIFICATION DEVICE IN A MIXED MODULE OF THE TOWER

Title (de)

AERO-KÜHLTURM MIT DURCHGANG ZUR UMGEHUNG EINER BEFEUCHTUNGSVORRICHTUNG IN EINEM MISCHMODUL DES TURMS

Title (fr)

TOUR D'AÉRO-RÉFRIGÉRATION AVEC PASSAGE EN DÉRIVATION D'UN DISPOSITIF D'HUMIDIFICATION DANS UN MODULE MIXTE DE LA TOUR

Publication

EP 3469283 B1 20200408 (FR)

Application

EP 17728864 A 20170609

Priority

- FR 1655372 A 20160610
- EP 2017064186 W 20170609

Abstract (en)

[origin: WO2017212049A1] The invention relates to an aero-refrigeration tower comprising an air intake module, a dry module (2) and a mixed module (3) between the intake module and the dry module (2), the modules being adjacent, the intake module being configured to draw in outside air and transfer it to the mixed module (3), at least one passage (5a) for humidification of output air passing through at least one humidification device (5) of the mixed module (3). At least one bypass passage (6) distinct from said at least one humidification passage (5a) passes through the mixed module (3) outside the space occupied by said at least one humidification device (5) and connecting the air intake module to the dry module (2), said at least one bypass passage (6) being separated from said at least one humidification passage (5a) and said at least one humidification device (5).

IPC 8 full level

F28D 5/02 (2006.01); **F24F 3/14** (2006.01); **F28B 1/06** (2006.01); **F28C 1/14** (2006.01)

CPC (source: EP US)

F24F 3/14 (2013.01 - EP US); **F28B 1/06** (2013.01 - EP US); **F28C 1/14** (2013.01 - US); **F28D 5/02** (2013.01 - EP US); **F28C 2001/145** (2013.01 - 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

DOCDB simple family (publication)

WO 2017212049 A1 20171214; EP 3469283 A1 20190417; EP 3469283 B1 20200408; FR 3052546 A1 20171215; FR 3052546 B1 20180518; US 2019249885 A1 20190815

DOCDB simple family (application)

EP 2017064186 W 20170609; EP 17728864 A 20170609; FR 1655372 A 20160610; US 201716308094 A 20170609