

Title (en)

WET COOLING TOWER COMPRISING AN ANTI-FREEZE DEVICE

Title (de)

ANTIFRIERVORRICHTUNG FÜR ATMOSPÄRISCHE KÜHLER

Title (fr)

REFRIGERANT ATMOSPHERIQUE HUMIDE A DISPOSITIF ANTIGEL

Publication

EP 0727033 A1 19960821 (FR)

Application

EP 95929928 A 19950905

Priority

- FR 9501148 W 19950905
- FR 9410717 A 19940907

Abstract (en)

[origin: WO9607863A1] Wet cooling tower comprising an exchange body (20), a water dispensing network above the exchange body provided with valves (16) supplying each of the water nozzles located above a section of the exchange body to form cooling cells which can be isolated, and a manifold for water which has flowed through the water exchange and pumping body directing the water collected towards the dispensing network. The cooling tower comprises static means for automatic limitation. The increase in the hydrostatic pressure applied to the nozzles beyond a given value, above the value attained when all the cells are operational, is automatically static limited. Part of the water flow which is brought to the distribution level, is therefore bypassed upon exceeding a given value.

IPC 1-7

F28C 1/12

IPC 8 full level

F28C 1/12 (2006.01); **F28F 25/02** (2006.01)

CPC (source: EP)

F28C 1/12 (2013.01); **F28F 25/02** (2013.01); **F28F 27/003** (2013.01); **Y02B 30/70** (2013.01)

Citation (search report)

See references of WO 9607863A1

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