

Title (en)  
EVAPORATIVE AIR COOLING TOWER

Title (de)  
VERDAMPFUNGSLUFTKÜHLTURM

Title (fr)  
TOUR DE REFROIDISSEMENT D'AIR PAR ÉVAPORATION

Publication  
**EP 4276370 B1 20240501 (EN)**

Application  
**EP 22181601 A 20220628**

Priority  
US 202217742970 A 20220512

Abstract (en)  
[origin: EP4276370A1] An evaporative air cooling tower includes a housing, a fan at least partially disposed within the housing, and a drawer at least partially disposed within the housing. The drawer includes a liquid tank configured for storing liquid and receiving an ice pack and a pump therein. The evaporative air cooling tower further includes a hose connector positioned adjacent to a top portion of the housing and a first hose disposed within the housing. The first hose includes a first end connected to the pump and a second end connected to the hose connector, such that the pump is configured to pump the liquid stored in the liquid tank to the hose connector through the first hose.

IPC 8 full level  
**F24F 5/00** (2006.01); **F24F 6/04** (2006.01); **F24F 6/12** (2006.01)

CPC (source: CN EP)  
**F24F 5/0017** (2013.01 - CN); **F24F 5/0035** (2013.01 - CN EP); **F24F 6/04** (2013.01 - EP); **F24F 6/12** (2013.01 - EP); **F24F 8/125** (2021.01 - CN); **F24F 13/00** (2013.01 - CN); **F24F 13/28** (2013.01 - CN); **F24F 2006/008** (2013.01 - EP); **F24F 2006/046** (2013.01 - EP)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**EP 22181601 A 20220628**; CN 202211325044 A 20221027