

Title (en)

Module for a device generating at least one water curtain and corresponding device

Title (de)

Modul für eine Vorrichtung zur Erzeugung von mindestens einem Wasservorhang und entsprechende Vorrichtung

Title (fr)

Dispositif à générer au moins un rideau d'eau et dispositif correspondant

Publication

EP 2676738 A1 20131225 (EN)

Application

EP 13171307 A 20130610

Priority

US 201213526726 A 20120619

Abstract (en)

The present application concerns a module for a device generating at least one water curtain aimed at confining an area of space or for a cooling tower, including at least one water supply (41), at least one convergence zone (44, 45) mounted downstream of the holding zone and at least one nozzle (46) mounted downstream of the convergence zone and made of two parallel walls (42, 43) in equal length to the module and separated by a distance defining the thickness of the water curtain. The application also concerns a device generating at least one water curtain including a module previously defined.

IPC 8 full level

B05B 17/08 (2006.01); **A62B 29/00** (2006.01); **B05B 1/04** (2006.01); **B05B 1/32** (2006.01)

CPC (source: EP)

A62B 29/00 (2013.01); **B05B 1/32** (2013.01); **F23J 15/04** (2013.01); **F23J 15/06** (2013.01); **F28F 25/02** (2013.01); **B05B 17/085** (2013.01); **F23J 2217/50** (2013.01); **F23J 2219/80** (2013.01)

Citation (applicant)

- US 7604695 B2 20091020 - NAKANO KAORI [JP], et al
- FR 2641201 A1 19900706 - DUBOIS ETS [FR]
- US 3730040 A 19730501 - CHADWICK R, et al
- US 4130613 A 19781219 - HOURAI AKIMASA
- US 4385010 A 19830524 - BOSNE JACQUES G P E [FR]
- US 5394376 A 19950228 - RIDDLE LAURENCE R [US], et al

Citation (search report)

- [XP] FR 2983079 A1 20130531 - GE ENERGY PRODUCTS FRANCE SNC [FR]
- [XP] US 2013134237 A1 20130530 - DAMET CYRIL [FR]
- [X] US 6170094 B1 20010109 - WEISE GARY K [US], et al
- [X] GB 2006052 A 19790502 - BRUECKNER APPARATEBAU GMBH
- [X] US 3045931 A 19620724 - HALL FOREST D
- [A] EP 0052030 A1 19820519 - HAMON SOBELCO SA [BE]

Cited by

CN113053345A

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)

EP 2676738 A1 20131225; CN 103512384 A 20140115; JP 2014000569 A 20140109; RU 2013127601 A 20141227

DOCDB simple family (application)

EP 13171307 A 20130610; CN 201310243159 A 20130619; JP 2013127080 A 20130618; RU 2013127601 A 20130618