

Title (en)
APPARATUS FOR INDIRECT EVAPORATIVE COOLING

Publication
EP 0269634 B1 19901227 (EN)

Application
EP 86905456 A 19860814

Priority
SE 8503854 A 19850816

Abstract (en)
[origin: WO8701188A1] Apparatus for indirect, evaporative cooling of an useful air current, including a contact body (10) made up in layers, with duct systems between the layers. There are two separate duct systems, useful air for cooling passing through one system (16), while a cooling air current passes through the other system (18). Cooling takes place by evaporation of water in the other duct system (18). The duct-forming means (16, 18) in both systems are disposed such that the useful and cooling air currents flow horizontally, while water supply means (24) supplying water to the other duct system (18) are disposed at the top of the contact body (10), allowing the water to flow vertically downwards in this system (18).

IPC 1-7
F28C 1/00

IPC 8 full level
F24F 1/0067 (2019.01); **F24F 1/0087** (2019.01); **F28D 5/02** (2006.01); **F28F 3/02** (2006.01)

CPC (source: EP US)
F24F 1/0007 (2013.01 - EP); **F24F 1/0067** (2019.01 - EP US); **F24F 1/0087** (2019.01 - EP US); **F28D 5/02** (2013.01 - EP); **F28F 3/025** (2013.01 - EP); **F28F 2225/04** (2013.01 - EP)

Citation (examination)
SE 8502692 A

Cited by
CN104204685A; AU2013220720B2; WO2013120600A3

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 8701188 A1 19870226; AU 6333486 A 19870310; DE 3676707 D1 19910207; EP 0269634 A1 19880608; EP 0269634 B1 19901227; SE 460151 B 19890911; SE 8503854 D0 19850816; SE 8503854 L 19870217

DOCDB simple family (application)
SE 8600367 W 19860814; AU 6333486 A 19860814; DE 3676707 T 19860814; EP 86905456 A 19860814; SE 8503854 A 19850816