

Title (en)

Cooling apparatus and method.

Title (de)

Vorrichtung und Verfahren zur Kühlung.

Title (fr)

Appareil et méthode de refroidissement.

Publication

**EP 0460969 B1 19940928 (EN)**

Application

**EP 91305169 A 19910607**

Priority

GB 9012754 A 19900608

Abstract (en)

[origin: EP0460969A2] A gas cooling system has a tube or tubes (2) for a heat exchange medium. A gas to be cooled is flowed across the tube or tubes (2), being guided by a plurality of parallel plates (1). Water which is condensed on the plates (1) as the gas cools is collected and reintroduced into the gas to provide a cooled gas of high relative humidity.

IPC 1-7

**F24F 3/14**; **F24F 6/04**; **A23B 7/04**

IPC 8 full level

**F24F 1/0059** (2019.01); **F24F 1/0087** (2019.01); **F24F 3/14** (2006.01); **F24F 6/04** (2006.01); **F28B 9/08** (2006.01)

CPC (source: EP US)

**F24F 1/0007** (2013.01 - EP); **F24F 1/0059** (2013.01 - EP US); **F24F 1/0087** (2019.01 - EP US); **F24F 3/14** (2013.01 - EP); **F24F 6/04** (2013.01 - EP); **F28B 9/08** (2013.01 - EP)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0460969 A2 19911211**; **EP 0460969 A3 19921119**; **EP 0460969 B1 19940928**; DE 69104269 D1 19941103; DE 69104269 T2 19950406; GB 9012754 D0 19900801

DOCDB simple family (application)

**EP 91305169 A 19910607**; DE 69104269 T 19910607; GB 9012754 A 19900608