

Title (en)

A cell type air humidification system for industrial purpose.

Title (de)

Eine zellenartige Luftbefeuchtungsanlage für industrielle Anwendung.

Title (fr)

Un système d'humidification du type cellulaire destiné à l'usage industriel.

Publication

**EP 0661504 A1 19950705 (EN)**

Application

**EP 93630112 A 19931230**

Priority

- EP 93630112 A 19931230
- IN 251DE1993 A 19930816
- NL 9400276 A 19940223

Abstract (en)

There is disclosed a cell type air humidification system for industrial purpose, and, in particular, air washer with fabric cell for enhanced surface evaporative saturation, where instead of atomising, the required surface area of water for heat and mass transfer is created by taking the help of a water supporting matrix, constituted by one or more cell(s), the or each of said cell(s) having vertically disposed and uniformly spaced layers of fabric, housed in a rectangular frame, said fabric being of non-hygroscopic, non-cellulosic and non-bio-degradable material, being selected, and/or being duly processed, to achieve bulkiness, good water holding capacity, absorbency, spreading and wetting characteristics. <IMAGE>

IPC 1-7

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

IPC 8 full level

**F24F 3/14** (2006.01); **F24F 6/04** (2006.01)

CPC (source: EP)

**F24F 3/14** (2013.01); **F24F 6/04** (2013.01); **F24F 2006/146** (2013.01)

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Designated contracting state (EPC)

CH DE ES GB LI

DOCDB simple family (publication)

**EP 0661504 A1 19950705**; **EP 0661504 B1 19990421**; NL 9400276 A 19951002

DOCDB simple family (application)

**EP 93630112 A 19931230**; NL 9400276 A 19940223