

Title (en)
HUMIDIFYING ELEMENT AND HUMIDIFIER

Title (de)
BEFEUCHTUNGSELEMENT UND BEFEUCHTER

Title (fr)
ÉLÉMENT HUMIDIFIANT ET HUMIDIFICATEUR

Publication
EP 3150933 A4 20180124 (EN)

Application
EP 14893163 A 20141209

Priority
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Abstract (en)
[origin: EP3150933A1] A humidifying element includes a plurality of humidifying bodies arranged along a first direction to provide gaps among the humidifying bodies, a diffusing member that extends along the first direction and is in contact with the plurality of humidifying bodies, and a casing that houses the plurality of humidifying bodies and the diffusing member on an inside. A water storing section 12 provided above the humidifying bodies to store water is formed in the casing. A plurality of water injection holes 12a are formed on the bottom surface of the water storing section 12. A cylindrical wall surface 12b extending downward from the water injection hole 12a portion is formed on the outer side of the bottom surface of the water storing section 12. A distal end of the cylindrical wall surface 12b and the diffusing member are set in contact. A communication port 12c for causing the inside and the outside of the cylindrical wall surface 12b to communicate is formed in the cylindrical wall surface 12b.

IPC 8 full level
F24F 6/04 (2006.01)

CPC (source: EP)
F24F 6/04 (2013.01)

Citation (search report)
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• [A] US 2002171158 A1 20021121 - BLOEMER JOHN M [US]
• [A] US 5853625 A 19981229 - KENSOK TIMOTHY J [US], et al
• [A] JP 2012154547 A 20120816 - ZOJIRUSHI CORP
• [A] JP H08178375 A 19960712 - JAPAN GORE TEX INC
• See references of WO 2015182014A1

Designated contracting state (EPC)
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