

Title (en)
HUMIDIFYING APPARATUS

Title (de)
BEFEUCHTER

Title (fr)
APPAREIL HUMIDIFICATEUR

Publication
EP 2333441 A4 20160504 (EN)

Application
EP 09809805 A 20090818

Priority
• JP 2009064447 W 20090818
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• JP 2009181644 A 20090804

Abstract (en)
[origin: EP2333441A1] There are provided a fan 20 placed in a casing 1, a humidifying filter 40 for humidifying air flow produced by the fan 20, a water tray 90 placed below the humidifying filter 40, a water sprinkling device 60 having a rotation frame on which the humidifying filter 40 is mounted and which is rotatably supported by the casing 1 and bucket parts 61 which are provided on the rotation frame and which are for drawing up water from the water tray 90 and sprinkling the water on the humidifying filter 40, a geared motor 74 for rotating the rotation frame of the water sprinkling device 60, and a control unit 200 for controlling the fan 20 and the geared motor 74. The control unit 200 carries out a humidification preparing operation for infiltrating the water into the humidifying filter 40, by controlling the geared motor 74 and thus controlling the rotation of the rotation frame 65 of the water sprinkling device 60, before carrying out a humidifying operation.

IPC 8 full level
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CPC (source: EP)
F24F 6/06 (2013.01); **F24F 11/0008** (2013.01); **F24F 2006/065** (2013.01)

Citation (search report)
• [X1] JP 2008157617 A 20080710 - TIGER VACUUM BOTTLE CO LTD
• [XA] US 2440446 A 19480427 - JOSEPH KENNY RICHARD
• [XA] JP 2006329532 A 20061207 - TIGER VACUUM BOTTLE CO LTD
• See references of WO 2010024152A1

Cited by
CN102954560A; CN112303882A; US10900677B2; US10364994B2; WO2018026891A1; TWI476555B

Designated contracting state (EPC)
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