

Title (en)
Device and method for humidifying an airflow

Title (de)
Vorrichtung und Verfahren zur Befeuchtung eines Luftstromes

Title (fr)
Dispositif et méthode pour humidifier un courant d'air

Publication
EP 1710516 B1 20081022 (DE)

Application
EP 05090076 A 20050329

Priority
EP 05090076 A 20050329

Abstract (en)
[origin: EP1710516A1] The device has air humidification units (25) arranged in an air flow to deliver humidification water to the air flow. The units are connected with a humidification cycle (5) including a circulating pump (7) to circulate the water in the cycle and a humidification heat exchanger (13) to heat the water below the boiling point. The humidification units have hollow porous material, which is attached on the cycle. An independent claim is also included for a method for humidifying an air flow.

IPC 8 full level
F24F 3/14 (2006.01); **F24F 6/00** (2006.01)

CPC (source: EP US)
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F24F 2006/146 (2013.01 - EP US)

Cited by
DE102011013443A1; DE102016108130A1; EP2918926A1; DE102008031586B3; WO2015136050A1; WO2011095188A1; DE102010006889A1;
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DK 1710516 T3 20090216; ES 2319786 T3 20090512; JP 2008545113 A 20081211; NO 20074812 L 20071029; NO 328977 B1 20100705;
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