

Title (en)
Humidity control device

Title (de)
Feuchtereulator

Title (fr)
Dispositif de regulation de l' humidite

Publication
EP 1854736 A1 20071114 (DE)

Application
EP 07009135 A 20070507

Priority
DE 102006022707 A 20060512

Abstract (en)
The regulator has a tubular both-sided closed semi-permeable foil filled with water concerning the whole weight of the regulator of 90 percentage weight and based on cellulose or cellulose fibers. The water lies in the form of water-soaked absorber material. A gel is utilized as a water-soaked absorber formed from carboxylmethyl cellulose with water content of 90 percentage weight, where the regulator contains a micro-biocide agent such as potassium sorbate. An independent claim is also included for a method for providing a temporal and spatial humid air into a package.

Abstract (de)
Die vorliegende Erfindung betrifft einen neuartigen Regulator zur gezielten und zeitlich gleichmäßigen Bereitstellung von Feuchtigkeit beispielsweise in Verpackungs- oder Transportbehältern.

IPC 8 full level
B65D 81/22 (2006.01); **A22C 13/00** (2006.01)

CPC (source: EP US)
B65D 81/22 (2013.01 - EP US)

Citation (search report)

- [XY] DE 20017782 U1 20010329 - HERZOG MAXIMILIAN [DE]
- [XY] WO 9857321 A1 19981217 - HUMIDI PAK INC [US]
- [Y] GB 1027769 A 19660427 - TEE PAK INC

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1854736 A1 20071114; **EP 1854736 B1 20110302**; AT E500165 T1 20110315; DE 102006022707 A1 20071122;
DE 502007006580 D1 20110414; US 2007265168 A1 20071115

DOCDB simple family (application)
EP 07009135 A 20070507; AT 07009135 T 20070507; DE 102006022707 A 20060512; DE 502007006580 T 20070507;
US 78939007 A 20070424