

Title (en)
SORPTION ELEMENT

Title (de)
SORPTIONSELEMENT

Title (fr)
ELEMENT DE SORPTION

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Application
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Abstract (en)
[origin: WO2005056161A1] The invention relates to a sorption element for a sorption-supported air conditioning unit for the humidification and/or heating and/or cooling of a room or an airflow. According to the invention, the heat and material transfer may be improved with a reduction in the size of the embodiment, variable amounts of the employed sorption agent and increased resistance to over-saturation, whereby the sorption element is embodied as a tubular piece with a tubular cross-section with a first and an opposing second open end with a first air-permeable grid element (23), defining the first open end and a second air-permeable grid element (14), defining the second open end thereof, whereby the grid elements do not permit a sorption agent to pass.

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