

Title (en)
VENTILATION SYSTEM

Title (de)
BELÜFTUNGSSYSTEM

Title (fr)
SYSTEME DE VENTILATION

Publication
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Application
EP 99921339 A 19990406

Priority
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Abstract (en)
[origin: WO9951918A1] An air treatment installation comprising a supply-air system (1) with a cooling battery (13) for energy-saving dehumidification of a first air flow flowing through the supply-air system, whereby the cooling battery imparts a chill to the first air flow. The supply-air system (1) comprises a first heat exchanger (10) arranged upstream of the cooling battery (13) and a second heat exchanger (15) arranged downstream of the cooling battery (13). The heat exchangers are connected to a closed passive system for transfer of heat past the cooling battery. At thermal balance in the first air flow, the passive system transports a cooling effect past the cooling battery, which, between the heat exchangers, lowers the temperature and hence the dew point in the first air flow.

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