

Title (en)
Curative air conditioner

Title (de)
Heilklimagerät

Title (fr)
Appareil de climatisation thérapeutique

Publication
EP 0522439 B1 19961002 (DE)

Application
EP 92111177 A 19920702

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DE 4121874 A 19910702

Abstract (en)
[origin: EP0522439A1] The invention relates to a curative air conditioner which can be used for curing and alleviating health problems by producing a strengthening and health-promoting marine atmosphere. For simulation of the climatic conditions in the surf region a sea water supply (7), a spraying device (11) for generation of a spray mist of this sea water, an irradiation device (19) for generation of UV rays acting upon the air stream with the UV spectrum of sunlight and with inclusion of UV-A, UV-B and UV-C radiation, and a blower (8) for generation of a pure air stream passing through the spray mist and taking this along into the outer space are arranged in a housing (1, 2) having an insertion opening (14) for ambient air. In addition, an additional radiation source (18) for generation of UV-C radiation acting upon the sea water supplied to the spraying device (11) is inserted in a riser pipe (10) connecting the sea water supply (7) with the spraying device (11). In the preferred operation of the device, a temporal advance relative to the blower (8) and the spraying device (11) is provided for the radiation device (19) and for the additional radiation source (18), in order to guarantee sufficient sterility of the mist passed to the outside even after a fairly long service life of the conditioner in the charged state.
<IMAGE>

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F24F 3/12

IPC 8 full level
F24F 3/12 (2006.01)

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F24F 3/12 (2013.01); **F24F 8/22** (2021.01)

Cited by
CN100441862C; EP0666453A3; GB2335485A; GB2335485B; EP0763699A3; EP0693659A3; WO9526486A1

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