

Title (en)
PROCESS FOR ELIMINATING FOG FROM THE ATMOSPHERE

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Application
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Priority
DE 3344809 A 19831212

Abstract (en)
[origin: WO8502637A1] Process wherein air is continuously sucked and returned in a closed cycle, the moisture of said air being reduced down to a value lower than the saturation limit value. The treatment is carried out by means of a metal carbide preferably calcium carbide and/or a substance capable of binding water by hydrolysis or hydration, for example sodium hydrophosphate or anhydrous sodium sulfate which may be contained when mixing both substances into a quantity up to 85% by weight, preferably 35 and 65% by weight, in the substance reacting with the condensed moisture. The plant is comprised of a system of conduits (1-5) containing suction nozzles and connected to a container (7,8) intended to receive the material reacting with the air moisture and connected to the suction nozzle of a fan (6) to which is coupled a pressure line (1-5) surrounding the limited area and comprising discharge openings.

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