

Title (en)
DRYING APPARATUS

Title (de)
TROCKNUNGSVORRICHTUNG

Title (fr)
APPAREIL DE SECHAGE

Publication
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Application
EP 03753945 A 20030925

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Abstract (en)
A drying apparatus has a heat pump apparatus having a compressor, a radiator, an expansion mechanism and an evaporator connected in this order via pipes through which a refrigerant is circulated. The drying apparatus has a structure in which drying air heated in the radiator is introduced into a subject to be dried, drying air obtained by removing moisture or water from the subject to be dried is cooled and dehumidified by the evaporator, and then the drying air is reheated in the radiator to be reused as renewed drying air. The drying apparatus also has a structure in which drain water generated by dehumidifying the drying air in the evaporator is dropped or sprayed into the radiator. <IMAGE>

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IPC 8 full level
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