

Title (en)

Dry cleaner and corresponding drying machine

Title (de)

Trockenreinigungsmaschine und zugehöriger Trockner

Title (fr)

Machine à nettoyer les vêtements à sec et sèche-linge correspondant

Publication

EP 1584731 A2 20051012 (EN)

Application

EP 05005498 A 20050314

Priority

- JP 2004072587 A 20040315
- JP 2004379845 A 20041228

Abstract (en)

An object is to provide a dry cleaner (1) in which an installing operation is facilitated and in which environments are taken into consideration, and the dry cleaner (1) rotates a drum (2) containing clothing and successively executes a washing step using a washing liquid, a dewatering step, and a drying step. Heating and cooling units for executing the respective steps comprise a heat pump device (11), the washing liquid is heated by the heat pump device (11) using carbon dioxide as a refrigerant of a refrigerant circuit constituting the heat pump device (11), the washing liquid is cooled by the heat pump device (11), air supplied to the drum (2) in the drying step is heated by the heat pump device (11), and the air discharged from the drum (2) in the drying step is cooled by the heat pump device (11).

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IPC 8 full level

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CPC (source: EP US)

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