

Title (en)

ARRANGEMENT FOR HEAT EXCHANGERS OF A DISTRICT-HEATING SYSTEM OF A BUILDING AND CORRESPONDING METHOD

Title (de)

ANORDNUNG FÜR WÄRMETAUSCHER EINES FERNWÄRMESYSTEMS EINES GEBÄUDES UND ENTSPRECHENDES VERFAHREN

Title (fr)

AGENCEMENT POUR ÉCHANGEURS DE CHALEUR D'UN SYSTÈME DE CHAUFFAGE URBAIN D'UN BÂTIMENT ET PROCÉDÉ CORRESPONDANT

Publication

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Application

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Abstract (en)

[origin: EP4242528A1] The invention relates to an arrangement for heat exchangers of a district-heating system of a building, wherein the arrangement includes• a domestic-water heat exchanger (10),• a domestic water circuit (15),• a separate circuit-water heat exchanger (20),• a control valve (22) of the circuit-water heat exchanger (20) for controlling the flow rate of the district-heating water conducted to the circuit-water heat exchanger (20).According to the invention• the circuit-water heat exchanger (20) is configured to heat the domestic water to a setpoint temperature 1 - 5 °C, advantageously 2 - 4 °C, higher than the domestic-water heat exchanger (10), and• the design inlet temperature of district-heating water for the circuit-water heat exchanger (20) is 2 - 10 °C, advantageously 4 - 6 °C, lower than the design inlet temperature of district-heating water for the domestic-water heat exchanger (10).The invention also relates to a corresponding method.

IPC 8 full level

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