

Title (en)

THERMAL MODULE AND METHOD FOR HEATING AN APARTMENT AND PROVIDING HOT TAP WATER

Title (de)

WÄRMEMODUL UND VERFAHREN ZUM HEIZEN EINER WOHNUNG UND BEREITSTELLEN VON HEISSEM LEITUNGSWASSER

Title (fr)

MODULE THERMIQUE ET PROCÉDÉ DE CHAUFFAGE D'UN APPARTEMENT ET DE FOURNITURE D'EAU DU ROBINET CHAUDE

Publication

**EP 4426976 A1 20240911 (EN)**

Application

**EP 22797804 A 20221104**

Priority

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- EP 2022080869 W 20221104

Abstract (en)

[origin: WO2023079109A1] The invention relates to a thermal module (10) for use in a heating system, the thermal module being configured: a) to supply a heat carrier for heating an indoor space, and b) to heat incoming cold tap water with heat from the heat carrier, the thermal module comprising on a secondary side thereof: - a cold tap water channel (52) extending from the cold water entry (16) to the secondary entry (36), - a hot tap water channel (38) extending from the secondary exit to the hot tap water exit (18), - a bypass channel (55) which bifurcates from the cold tap water channel (52) at a bifurcation location (54) and merges with the hot tap water channel at a merge location (57) and which bypasses the heat exchanger.

IPC 8 full level

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