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(72) Inventor: **Kakuyama, Fushiki**
Fuji-shi, Shizuoka 416-8521 (JP)

(74) Representative: **Clarenbach, Carl-Philipp et al**
Gleiss Große Schrell und Partner mbB
Patentanwälte Rechtsanwälte
Leitzstraße 45
70469 Stuttgart (DE)

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(71) Applicant: **Toshiba Carrier Corporation**
Tokyo 108-8580 (JP)

(54) **Hot-Water Supply Apparatus And Control Method Of The Same**

(57) According to one embodiment, a hot-water supply apparatus includes a hot-water supply tank (31), a heat-pump type refrigeration cycle, a bypass (24), a circulating pump (27), a refrigerant temperature sensor (26) and a control section (50). The circulating pump (27) circulates water in the supply-water tank (31) after making the water pass through the water heat exchanger (22). The refrigerant temperature sensor (26) detects a temperature of the refrigerant when the refrigerant flows be-

tween the water heat exchanger (22) and the open/close valve (23). The control section (50) performs a defrosting operation of defrosting the outdoor heat exchanger (14) by activating a defrosting circuit, and also configured to operate the circulating pump (27) in a case where the temperature detected by the refrigerant temperature sensor (26) lowers to be less than a set value during the defrosting operation.

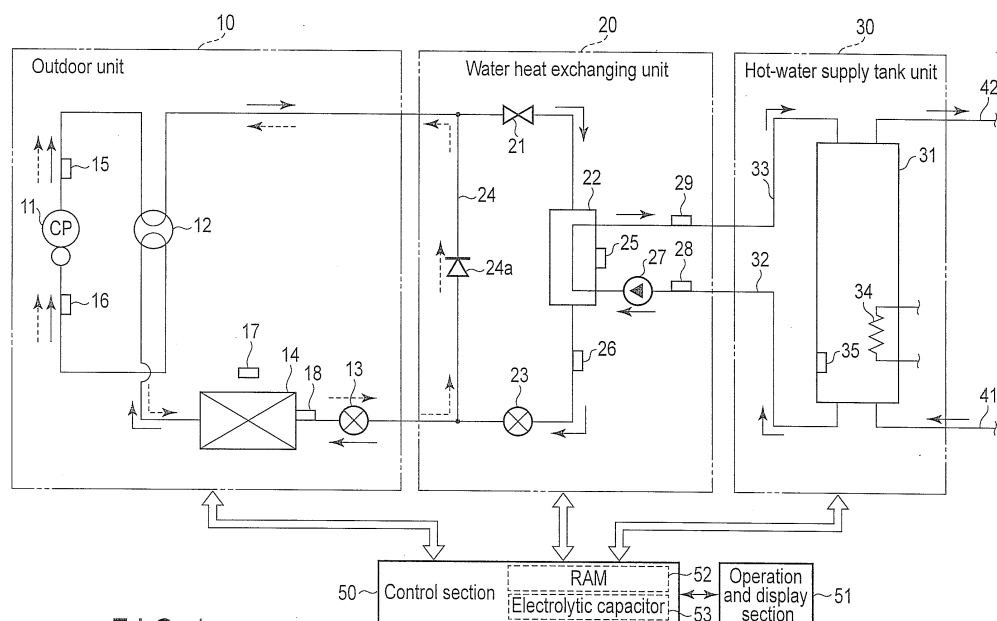


FIG. 1



EUROPEAN SEARCH REPORT

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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 6 February 2018	Examiner Hoffmann, Stéphanie
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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