

Title (en)

HEAT PUMP TYPE WATER HEATER SYSTEM

Title (de)

WÄRMEPUMPENDURCHLAUFERHITZERSYSTEM

Title (fr)

SYSTÈME DE CHAUFFAGE D'EAU À POMPE À CHALEUR

Publication

**EP 3130867 B1 20181107 (EN)**

Application

**EP 15180480 A 20150811**

Priority

EP 15180480 A 20150811

Abstract (en)

[origin: EP3130867A1] The present invention discloses a heat pump type water heater system including a refrigerant circuit having a water/refrigerant heat exchanger for condensing a refrigerant to release heat from the refrigerant to water passing through the water/refrigerant heat exchanger; a water tank that stores water capable of passing through the water/refrigerant heat exchanger to obtain heat from the refrigerant when the refrigerant circuit is working; and a cold water reservoir that stores cold water capable of passing through the water/refrigerant heat exchanger when the refrigerant circuit is not working. In this way, cold water from the cold water reservoir in addition to the water tank passes through the water/refrigerant heat exchanger when the refrigerant circuit is not working to avoid formation of scales and/or remove scales existing in the water/refrigerant heat exchanger.

IPC 8 full level

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CPC (source: EP)

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Cited by

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