

Title (en)

Warm water reservoir with sensor system

Title (de)

Warmwasserspeicher mit Sensorsystem

Title (fr)

Accumulateur d'eau chaude doté d'un système de capteur

Publication

EP 2233858 B2 20180627 (DE)

Application

EP 10153917 A 20100218

Priority

DE 102009001557 A 20090313

Abstract (en)

[origin: EP2233858A2] The tank (1) has a sensor system (2) provided with temperature sensors connected in series in a sensor chain. A connection of one temperature sensor is attached to a connection of the other temperature sensor. The connection of the former temperature sensor and the connection of the latter temperature sensor of the sensor chain are connectable to a selection unit. The temperature sensors of the sensor chain are arranged in a sensor pipe. The sensor system is arranged at a heating flange (12).

IPC 8 full level

F24H 1/20 (2006.01); **F24H 1/18** (2006.01); **F24H 9/20** (2006.01)

CPC (source: EP US)

F24H 1/202 (2013.01 - EP); **F24H 9/2021** (2013.01 - EP US); **F24H 15/128** (2022.01 - EP US); **F24H 15/225** (2022.01 - EP US); **F24H 15/37** (2022.01 - EP US); **F24D 2220/042** (2013.01 - EP); **F24D 2240/26** (2013.01 - EP)

C-Set (source: EP)

F24D 2220/042 + **F24D 2240/26**

Citation (opposition)

Opponent :

- EP 2216610 A1 20100811 - COTHERM SA [FR]
- WO 2006053386 A1 20060526 - RHEEM AUSTRALIA PTY LTD [AU], et al
- US 6959599 B2 20051101 - FELDSTEIN ROBERT [US], et al

Cited by

EP2622281A4; DE102014015054A1; DE102014015054A8; EP4332527A3; US2015323391A1; AU2013353845B2; EP3546847A3; WO2012044092A2; WO2014087162A1; US10739210B2; US11733106B2; EP2622281B1

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 10153917 A 20100218; CN 201010134680 A 20100315; DE 102009001557 A 20090313