

Title (en)

Hot water tank

Title (de)

Warmwasserspeicher

Title (fr)

Accumulateur d'eau chaude

Publication

EP 2700886 A2 20140226 (DE)

Application

EP 13180275 A 20130813

Priority

AT 9112012 A 20120823

Abstract (en)

The hot water tank (1) has a storage container (2) which is surrounded by a thermal insulation (4) and a vacuum-insulation-panel (3), where the vacuum-insulation-panel is made from a microporous material, particularly silica. The vacuum-insulation-panel is wrapped, evacuated and sealed in a film, particularly a gas- and water vapor-proof multi-layer composite film. The microporous material is attached to an infrared opacifier and to a lower proportion of organic cellulose fibers. An independent claim is included for a method for thermally insulating a hot water tank.

Abstract (de)

Bei einem Warmwasserspeicher (1) ist der Speicherbehälter (2) sowohl von einem konventionellen Dämmmantel (4), als auch einem Vakuum-Isolier-Paneel (3) umgeben.

IPC 8 full level

F24H 1/18 (2006.01)

CPC (source: EP)

F24H 1/182 (2013.01)

Cited by

IT202100010325A1; JP2016125800A; DE202016102001U1; EP3705805A1; DE102019001629A1; DE102017114810A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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