

Title (en)

RESISTANCE FOR WATER HEATING WITH ENHANCED ANTIBACTERIAL EFFECT

Title (de)

WIDERSTAND ZUR WASSERERHITZUNG MIT VERSTÄRKTER ANTIBAKTERIELLER WIRKUNG

Title (fr)

RÉSISTANCE DESTINÉE AU CHAUFFAGE DE L'EAU À EFFET ANTIBACTÉRIEN ACCRU

Publication

EP 2628356 A4 20160406 (EN)

Application

EP 11832035 A 20111012

Priority

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- CN 2011080677 W 20111012

Abstract (en)

[origin: WO2012048638A1] An armoured resistance (2) for heating the water of an electric storage water heater or the sump of a laundry machine or a dishwasher is provided. The metal surface in contact with the water to be heated thereof is covered with a glass enamel, on the surface whereof metals (Ag, Cu, Zn) having antibacterial properties are deposited according to known techniques. The deposited metal is preferably silver and, even more preferably, it is in the form of nanoparticles.

IPC 8 full level

H05B 3/78 (2006.01); **A01N 59/16** (2006.01); **A01N 59/20** (2006.01); **A01P 1/00** (2006.01); **A47L 15/42** (2006.01); **C03C 8/00** (2006.01); **C03C 8/14** (2006.01); **C04B 41/86** (2006.01); **D06F 39/04** (2006.01); **F24H 1/20** (2006.01); **H05B 3/10** (2006.01); **H05B 3/48** (2006.01)

CPC (source: EP US)

A01N 59/16 (2013.01 - EP); **A01N 59/20** (2013.01 - EP); **C03C 8/00** (2013.01 - EP); **D06F 39/04** (2013.01 - EP US); **F24H 1/202** (2013.01 - EP); **H05B 3/48** (2013.01 - EP US); **H05B 3/78** (2013.01 - EP); **A47L 15/4285** (2013.01 - EP); **C03C 2204/02** (2013.01 - EP); **H05B 2214/04** (2013.01 - EP)

Citation (search report)

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- [Y] US 3129314 A 19640414 - HAGE WILLIAM T, et al
- [Y] JP 3023496 B2 20000321
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Designated contracting state (EPC)

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DOCDB simple family (application)

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