

Title (en)

SANITARY WATER DISPENSER WITH ELECTROMAGNETIC WAVES HEATING

Title (de)

SANITÄRWASSERSPENDER MIT ELEKTROMAGNETISCHER WELLENHEIZUNG

Title (fr)

DISTRIBUTEUR D'EAU SANITAIRE AVEC CHAUFFAGE PAR ONDES ÉLECTROMAGNÉTIQUES

Publication

EP 4037436 A1 20220803 (EN)

Application

EP 22000020 A 20220128

Priority

IT 202100001796 A 20210128

Abstract (en)

A sanitary water dispenser, adapted to be applied to a pipeline provided with one or more water delivery outlets, which dispenser comprises a conduit (3) made of a material permeable to electromagnetic waves and adapted to be placed in fluidic connection with one of the outlets of the pipeline, heating means operating by means of electromagnetic waves and designed to heat the flow within said conduit (3) in a controlled manner, electrical power supply means for said heating means which comprise generation means for generating radio frequency waves and their transformation into electrical energy for the power supply of said heating means.

IPC 8 full level

H05B 6/80 (2006.01); **F24H 1/10** (2022.01); **F24H 1/12** (2022.01); **F24H 9/20** (2022.01); **H05B 6/60** (2006.01)

CPC (source: EP)

F24D 17/0089 (2013.01); **F24D 19/1051** (2013.01); **F24H 1/121** (2013.01); **F24H 9/2028** (2013.01); **H05B 6/60** (2013.01); **H05B 6/804** (2013.01); **F24D 2220/042** (2013.01); **F24D 2220/046** (2013.01); **F24H 2250/12** (2013.01)

Citation (applicant)

KR 100655105 B1 20061208 - LEE KUK DONG [KR]

Citation (search report)

- [XDYI] KR 100655105 B1 20061208 - LEE KUK DONG [KR]
- [XYI] CN 201476257 U 20100519 - CUNZHI JIANG
- [XYI] US 6472648 B2 20021029 - MATSUO MASAKAZU [JP], et al
- [Y] EP 3564593 A2 20191106 - FIMCIM SPA [IT]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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