

Title (en)
Feed water valve system of a domestic appliance

Title (de)
Speisewasserventilsystem eines Haushaltsgerätes

Title (fr)
Système de vanne d'eau pour appareil domestique

Publication
EP 2206825 A1 20100714 (EN)

Application
EP 09180843 A 20091229

Priority
CN 200820238360 U 20081229

Abstract (en)
A feed water valve system (10) of a domestic appliance comprises at least one feed water valve (11). The feed water valve includes a valve body. The valve body has coils, and the coils are connected to two electrical conductive terminals. A water intake channel (16) and a water discharge channel (17) are respectively installed on two ends of the valve body. The domestic appliance comprises a box, with a heat sink (18) connected between the valve body and the box so as to conduct heat. With the heat transfer effect provided by the heat sink, the heat generated by the valve body is transferred to the box to reduce the temperature of the box.

IPC 8 full level
D06F 58/24 (2006.01); **D06F 39/08** (2006.01)

CPC (source: EP US)
D06F 39/08 (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US)

Citation (search report)
• [A] US 5231722 A 19930803 - SHACKLOCK FRANK W [NZ], et al
• [A] US 3337130 A 19670822 - ERICKSON HOWARD L

Cited by
ITTO20130999A1; JP2019098061A; US2012180533A1; US9834879B2; WO2015083061A1; US11242639B2; US11649579B2

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2206825 A1 20100714; **EP 2206825 B1 20140903**; CN 101871159 A 20101027; CN 101871159 B 20130206; CN 201386213 Y 20100120; PL 2206825 T3 20150227

DOCDB simple family (application)
EP 09180843 A 20091229; CN 200820238360 U 20081229; CN 200910262515 A 20091229; PL 09180843 T 20091229