

Title (en)
A WASHING DEVICE

Title (de)
WASCHVORRICHTUNG

Title (fr)
DISPOSITIF DE LAVAGE

Publication
EP 3718454 A1 20201007 (EN)

Application
EP 20162274 A 20200311

Priority
TR 201904918 A 20190402

Abstract (en)
With the present invention, there is provided a washing device in which the water is electrolysed to obtain a washing liquid. The washing device comprises at least one washing compartment (K) adapted to receive at least one item (3) for washing; at least one electrolysis unit (E) for obtaining acidic water and basic water by electrolysing the water received from at least one water source, the electrolysis unit (E) having at least a first electrode (E1), at least a second electrode (E3) and at least one membrane (E2) separating the first electrode (E1) and the second electrode (E3); at least one resin chamber (RE) for filtering the water, which is to be electrolysed in the electrolysis unit (E), before entering the electrolysis unit (E) such that the water is purified from elements which cause hardness, such as calcium and magnesium; at least one resin line (4) connecting the resin chamber (RE) and the electrolysis unit (E); at least one electrolysis unit line (5) which is connected from one side to the resin line (4), and from another side to the electrolysis unit (E) and at least one electrolysis unit valve (V4) which is located on the electrolysis unit line (5); at least one collection reservoir line (6) which is connected from one side to the resin line (4), and from another side to the collection reservoir (T); and at least one collection reservoir valve (V3) located on the collection reservoir line (6).

IPC 8 full level
A47L 15/42 (2006.01); **D06F 35/00** (2006.01); **D06F 39/00** (2020.01)

CPC (source: EP)
A47L 15/4238 (2013.01); **A47L 15/4229** (2013.01); **D06F 34/22** (2020.02); **D06F 35/003** (2013.01); **D06F 39/007** (2013.01)

Citation (applicant)
US 2006266381 A1 20061130 - DOHERTY JAMES E [US], et al

Citation (search report)
• [XA] US 6766812 B1 20040727 - GADINI COSTANZO [IT]
• [A] EP 0083739 A1 19830720 - ZANUSSI A SPA INDUSTRIE [IT]
• [AD] US 2006266381 A1 20061130 - DOHERTY JAMES E [US], et al

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)
EP 3718454 A1 20201007; TR 201904918 A2 20201021

DOCDB simple family (application)
EP 20162274 A 20200311; TR 201904918 A 20190402