

Title (en)  
HOUSEHOLD IRONING AND/OR SMOOTHING APPLIANCE COMPRISING A DEVICE FOR RETAINING SCALE PARTICLES CARRIED BY STEAM

Title (de)  
ELEKTRISCHES HAUSHALTSGERÄT ZUM BÜGELN UND/ODER GLÄTTEN MIT EINER VORRICHTUNG ZUM ZURÜCKHALTEN VON DAMPFGETRAGENEN KALKPARTIKELN

Title (fr)  
APPAREIL ELECTROMENAGER DE REPASSAGE ET/OU DEFROISSAGE COMPORTANT UN DISPOSITIF DE RETENTION DES PARTICULES DE TARTRE TRANSPORTEES PAR LA VAPEUR

Publication  
**EP 4299825 A1 20240103 (FR)**

Application  
**EP 23177064 A 20230602**

Priority  
FR 2206389 A 20220627

Abstract (en)  
[origin: CN220433257U] The utility model provides an ironing and/or ironing household appliance, which comprises an evaporation chamber (3) with a vaporization surface, water is injected on the vaporization surface to generate steam; and a steam distribution circuit allowing the flow of steam to be transported towards the at least one steam outlet hole (10A), the steam distribution circuit comprising at least one retention means for retaining scale, for retaining at least a portion of scale particles transported by the flow of steam in the cavity (51); and a scale discharge orifice (50) for discharging the scale trapped in the cavity (51), closed by a removable plug (13) accessible from outside the household appliance, characterized in that the household appliance comprises a self-cleaning device allowing the self-cleaning device to clean the vaporizing surface of the vaporizing chamber (3) after the vaporizing surface has reached a set temperature above 150 DEG C, so that the vaporizing surface of the vaporizing chamber (3) has reached a set temperature above 150 DEG C, and the vaporizing surface of the vaporizing chamber (3) has reached a set temperature above 150 DEG C. A large amount of water is suddenly sent to the vaporization surface of the evaporation chamber (3).

IPC 8 full level  
**D06F 75/26** (2006.01); **D06F 75/10** (2006.01); **D06F 75/18** (2006.01)

CPC (source: EP)  
**D06F 75/10** (2013.01); **D06F 75/26** (2013.01); **D06F 75/18** (2013.01)

Citation (applicant)

- FR 3062857 A1 20180817 - SEB SA [FR]
- EP 1366227 A1 20031203 - ROWENTA WERKE GMBH [DE]
- FR 2981371 A1 20130419 - SEB SA [FR]

Citation (search report)

- [Y] EP 3186433 A1 20170705 - KONINKLIJKE PHILIPS NV [NL]
- [Y] EP 2845944 A1 20150311 - SEB SA [FR]
- [Y] EP 3025097 A1 20160601 - KONINKL PHILIPS NV [NL]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
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**EP 4299825 A1 20240103**; CN 220433257 U 20240202; FR 3137110 A1 20231229; FR 3137110 B1 20240927

DOCDB simple family (application)  
**EP 23177064 A 20230602**; CN 202321619624 U 20230626; FR 2206389 A 20220627