

Title (en)

GARMENT CARE DEVICE WITH A MAIN GROOVE ARRANGED IN THE STEAMING SURFACE

Title (de)

KLEIDUNGSPFLEGEVORRICHTUNG MIT EINER IN DER DÄMPFFLÄCHE ANGEORDNETEN HAUPTTRILLE

Title (fr)

DISPOSITIF D'ENTRETIEN DE VÊTEMENTS DOTÉ D'UNE RAINURE PRINCIPALE DISPOSÉE DANS LA SURFACE DE VAPORISATION

Publication

EP 4108825 A1 20221228 (EN)

Application

EP 21181098 A 20210623

Priority

EP 21181098 A 20210623

Abstract (en)

The invention relates to a garment care device comprising a treatment surface (109) for treating a garment. A steam generator (104) is in thermal contact with the treatment surface. The steam generator is heated by an electrical heater (144). The steam generator comprises a steaming surface (172) with a water dosing point (DP) receiving water for generating steam. The garment care device further comprises a temperature sensor having a temperature sensing element for generating a signal for controlling the electrical heater. The temperature sensor is arranged in a central area (CA) of the steaming surface. A main groove (176) is arranged in the steaming surface. The main groove has a first extremity (178) arranged at proximity of the water dosing point and a second extremity (179) arranged at proximity of the central area. The main groove has a bottom surface which is inclined compared to the treatment surface. The main groove thus carries water between the water dosing point and the central area. A first groove (180A) is also arranged in the steaming surface. The first groove extends towards a first rear area of the steaming surface. The main groove and the first groove are fluidly connected at the second extremity.

IPC 8 full level

D06F 75/10 (2006.01); **D06F 75/26** (2006.01); **F22B 1/28** (2006.01); **D06F 75/12** (2006.01); **D06F 75/18** (2006.01)

CPC (source: EP)

D06F 75/10 (2013.01); **D06F 75/26** (2013.01); **F22B 1/284** (2013.01); **D06F 75/12** (2013.01); **D06F 75/18** (2013.01)

Citation (search report)

- [A] DE 69225205 T2 19980813 - SUNBEAM CORP [AU]
- [A] US 2010257760 A1 20101014 - CHOI LUNG WAI [HK]

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4108825 A1 20221228; CN 117545890 A 20240209; EP 4359602 A1 20240501; EP 4359602 B1 20240904; WO 2022268539 A1 20221229

DOCDB simple family (application)

EP 21181098 A 20210623; CN 202280044493 A 20220611; EP 2022065923 W 20220611; EP 22734548 A 20220611