

Title (en)  
GARMENT CARE DEVICE WITH VALVE SYSTEM

Title (de)  
KLEIDUNGSPFLEGEVORRICHTUNG MIT VENTILSYSTEM

Title (fr)  
DISPOSITIF DE SOINS DE VÊTEMENT COMPORTANT UN SYSTÈME DE SOUPEPE

Publication  
**EP 4008832 A1 20220608 (EN)**

Application  
**EP 20211779 A 20201204**

Priority  
EP 20211779 A 20201204

Abstract (en)  
The invention relates to a garment care device (100) comprising a steam generator (104) for generating steam. The steam generator comprises a steam outlet (105). A soleplate (108) comprises steam vents (110) which are in fluid communication with the steam generator. A valve system (V) is arranged between the steam outlet and the steam vents for regulating the flow of steam between the steam outlet and the steam vents. A sensor (120) measures a parameter relating to movement of at least part of the garment care device, and a processing unit (122) controls the valve system as follows: a) if the velocity is in a first range of velocity, said processing unit is adapted to control the valve system so that the flow of steam is in a first range of steam rate, b) if the velocity is in a second range of velocity, said processing unit is adapted to control the valve system so that the flow of steam is in a second range of steam rate, wherein said first range of velocity and said second range of velocity do not overlap with each other and are both strictly larger than 0, and wherein said first range of steam rate and said second range of steam rate do not overlap with each other and are both strictly larger than 0.

IPC 8 full level  
**D06F 75/10** (2006.01); **D06F 75/20** (2006.01); **D06F 75/26** (2006.01)

CPC (source: EP)  
**D06F 75/10** (2013.01); **D06F 75/20** (2013.01); **D06F 75/26** (2013.01)

Citation (search report)  
• [XYI] EP 3447187 A1 20190227 - KONINKLIJKE PHILIPS NV [NL]  
• [YA] DE 202006001242 U1 20060420 - KONINKL PHILIPS ELECTRONICS NV [NL]  
• [A] EP 3635169 A1 20200415 - KONINKLIJKE PHILIPS NV [NL]  
• [A] US 2010242314 A1 20100930 - AIURA MASAMI [JP]  
• [A] EP 3495549 A1 20190612 - TSANN KUEN ZHANGZHOU ENTPR CO [CN]

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 4008832 A1 20220608**; CN 116670355 A 20230829; EP 4229235 A1 20230823; EP 4229235 B1 20240214; WO 2022117688 A1 20220609

DOCDB simple family (application)  
**EP 20211779 A 20201204**; CN 202180087584 A 20211201; EP 2021083853 W 20211201; EP 21836346 A 20211201