

Title (en)

DOMESTIC APPLIANCE COMPRISING A DISPLAY DEVICE WITH A VARIABLE-INTENSITY LIGHT IMAGE, AND METHOD

Title (de)

HAUSHALTSGERÄT MIT EINER ANZEIGEEINRICHTUNG MIT INTENSITÄTSVARIABLEN LICHTBILD, SOWIE VERFAHREN

Title (fr)

APPAREIL ÉLECTROMÉNAGER COMPRENANT UN SYSTÈME D'AFFICHAGE AVEC UNE IMAGE LUMINEUSE À INTENSITÉ VARIABLE, ET PROCÉDÉ ASSOCIÉ

Publication

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Application

EP 18826678 A 20181220

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Abstract (en)

[origin: WO2019170273A1] The present invention relates to a domestic appliance (100) comprising an appliance wall (107) and a display device (117) for displaying an operational value of the domestic appliance (100), wherein the display device (117) is arranged on the appliance wall (107), wherein a luminous area (121) facing an external region (111) of the domestic appliance (100) is arranged on a display front side (119) of the display device (117). The display device (117) comprises a plurality of luminous regions (129, 129-1, 129-2, 129-3, 163) that are arranged next to one another and separated from one another by separation walls (131), wherein respectively one luminous element (125) is arranged in each luminous region (129, 129-1, 129-2, 129 to 3, 163) at a back side (123) of the display device (117) and embodied to emit light (127) in the direction of the luminous area (121), wherein the separation walls (131) extend in sections from the back side (123) of the display device (117) in the direction of the luminous area (121), wherein separation walls (131) that are adjacent in each case restrict a light cone (136) of the emitted light, wherein the separation walls (131) each have a separation wall end (133) that is spaced apart from the luminous area (121), wherein an overlap region (135) is arranged in each case between the respective separation wall end (133) and the luminous area (121) and wherein light cones (136) that are adjacent each case overlap in the respective overlap region (135) in order to ensure a uniform illumination of the luminous area (121).

IPC 8 full level

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