

Title (en)

HOME APPLIANCE HAVING LIGHT EMITTING MODULE

Title (de)

HAUSHALTSGERÄT MIT LICHEMITTIERENDEM MODUL

Title (fr)

APPAREIL DOMESTIQUE DOTÉ D'UN MODULE D'ÉMISSION DE LUMIÈRE

Publication

EP 3290567 B1 20200715 (EN)

Application

EP 17186431 A 20170816

Priority

CN 201610799613 A 20160831

Abstract (en)

[origin: EP3290567A1] A home appliance having a light emitting module (10), comprising a housing assembly (100), wherein the light emitting module (10) is located on the housing assembly (100), the light emitting module (10) includes a base (2), a light source (4) and a light shield (6), the light source (4) is located between the base (2) and the light shield (6), the base (2) has a diffuse reflection area (26) that receives illumination from the light source (4), an outer part opposite to the diffuse reflection area (26) has a light transmission area (8), and a light ray emitted by the light source (4) passes through the light transmission area (8) after being reflected by the diffuse reflection area (26). By using principles of diffuse reflection and shielding, light emitted has high purity, low light intensity attenuation, and a uniform and soft color in a light emitting area.

IPC 8 full level

D06F 34/28 (2020.01); **D06F 34/32** (2020.01); **A47L 15/42** (2006.01); **D06F 39/14** (2006.01); **F21V 33/00** (2006.01); **F25D 27/00** (2006.01)

CPC (source: CN EP US)

D06F 34/32 (2020.02 - CN EP US); **F21V 1/16** (2013.01 - CN); **F21V 5/08** (2013.01 - CN); **F21V 15/02** (2013.01 - CN); **F21V 23/003** (2013.01 - CN); **F21V 33/0044** (2013.01 - CN); **A47L 15/4293** (2013.01 - EP); **D06F 39/14** (2013.01 - CN EP US); **F21V 33/0044** (2013.01 - EP); **F25D 27/00** (2013.01 - EP)

Cited by

CN111379142A; CN111380042A; CN111394954A; CN111379115A; CN111809341A; CN113905111A; DE102018007700A1; CN111379139A; CN111379143A; CN111379144A; CN111379141A; CN111379114A; US11859795B2; WO2019192888A1

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