

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 A1 20180307 (EN)**

Application

**EP 17186431 A 20170816**

Priority

CN 201610799613 A 20160831

Abstract (en)

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 34/32** (2020.01); **D06F 39/00** (2006.01); **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)

Citation (applicant)

- CN 1553974 A 20041208 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- CN 105780390 A 20160720 - BSH ELECTRICAL APPLIANCES (JIANGSU) CO LTD, et al

Citation (search report)

- [XII] DE 102005047915 A1 20070412 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [XII] EP 2363055 A1 20110907 - ELECTROLUX HOME PROD CORP [BE]
- [XII] DE 102013004042 A1 20140911 - EMZ HANAUER GMBH & CO KGAA [DE]
- [A] DE 102004062751 A1 20060706 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] WO 2005093149 A1 20051006 - MIELE & CIE [DE], et al

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BA ME

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