

Title (en)
Interior lighting for household appliances

Title (de)
Innenbeleuchtung für Hausgeräte

Title (fr)
Eclairage intérieur pour appareils ménagers

Publication
EP 1076215 A3 20030122 (DE)

Application
EP 00116687 A 20000802

Priority
DE 29914037 U 19990811

Abstract (en)
[origin: EP1076215A2] Inside chamber lighting is switched on by the opening of a door or by operation of a hand switch. The lighting device has one or more LEDs cross-wired in parallel and/or in series with each other, and are switched by an electronic switch, preferably a transistor. Luminescent conversion diodes radiating white light can be used, or diodes radiating various colors, preferably yellow and blue or red, green and blue may be used. By the superposition of the different colors of the individual LEDs, white lighting is created. The figure shows a perspective view of the interior of an appliance which includes the lighting devices. Cool box 1 Side walls 2 Rear wall 3 Top 4 Light emitting diodes 5 Door 6

IPC 1-7
F25D 27/00; **F21S 8/00**; **F21V 33/00**; **F21Y 101/02**; **A47F 3/00**

IPC 8 full level
F21K 7/00 (2006.01); **F21K 99/00** (2010.01); **F21V 23/04** (2006.01); **F21V 33/00** (2006.01); **F25D 27/00** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP US)
F21V 23/04 (2013.01 - EP); **F21V 33/0044** (2013.01 - EP); **F25D 27/00** (2013.01 - EP US); **F21W 2131/305** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

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