

Title (en)
LIGHT-EMITTING DEVICE

Title (de)
LICHTEMITTIERENDE EINRICHTUNG

Title (fr)
DISPOSITIF ELECTROLUMINESCENT

Publication
EP 1691585 A1 20060816 (EN)

Application
EP 04792763 A 20041021

Priority

- JP 2004015614 W 20041021
- JP 2003366508 A 20031027
- JP 2003383907 A 20031113
- JP 2004027204 A 20040203
- JP 2004031733 A 20040209
- JP 2004181442 A 20040618
- JP 2004303178 A 20041018

Abstract (en)
A light-emitting element (1) includes a light-emitting layer (2) including a phosphor, and at least two electrodes (6, 7). The light-emitting element (1) includes at least two kinds of electrically insulating layers (2, 9) with different dielectric constants. One of the electrically insulating layers (2, 9) is the light-emitting layer (2), and one of the two electrodes (6, 7) is formed in contact with one of the insulating layers. Therefore, it is possible to provide a light-emitting element that can emit light by using surface discharge, is manufactured at low cost, exhibits favorable luminous efficiency, and is to be driven with low power consumption when being applied to a large-screen display.

IPC 8 full level
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Citation (search report)
See references of WO 2005051045A1

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EP1936661A1; US8570506B2; US7969091B2; US8049400B2; US2011316412A1; US8692450B2; US7923915B2; US8026657B2; TWI643524B

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