

Title (en)

Packed storage phosphor screens or panels

Title (de)

Verpackte Speicherleuchtschirme oder Speicherphosphorträger

Title (fr)

Ecran ou panneaux luminescents d'enregistrement emballés

Publication

**EP 1387365 B1 20090121 (EN)**

Application

**EP 02102069 A 20020730**

Priority

EP 02102069 A 20020730

Abstract (en)

[origin: EP1387365A1] A packed phosphor screen or panel consisting of at least one flat square or rectangular screen or panel, optionally packed apart in a wrapper foil, and a sealed package, wherein said package is layered in form of an asymmetrical barrier layer foil, said foil comprising an inner flexible thermoplastic polymer layer and an outer polymer layer in adhesive contact with an aluminum layer situated inbetween said inner flexible thermoplastic polymer layer and said outer polymer layer, wherein said foil is characterised by adhesive forces, between said outer polymer layer and said aluminum layer, of more than 2.5 N/mm<sup>2</sup> following DIN 53 357, by a permeation to water vapour of less than 0.01 g per sq.m. in an environment having a temperature of 23 DEG C and a relative humidity of 75 % RV for 24 hours following DIN 53 122, and by a permeation of less than 0.01 cm<sup>3</sup> per sq.m. per 24 hours and per bar for each of oxygen, carbon dioxide and nitrogen following DIN 53 380 (ISO 2556, ASTM D 1434).

IPC 8 full level

**B65D 81/24** (2006.01); **G01T 1/00** (2006.01); **G21K 4/00** (2006.01)

CPC (source: EP)

**G21K 4/00** (2013.01); **G21K 2004/02** (2013.01)

Cited by

EP1605472A1; EP2783242A4; EP1939893A3

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1387365 A1 20040204**; **EP 1387365 B1 20090121**; DE 60230978 D1 20090312; JP 2004163409 A 20040610

DOCDB simple family (application)

**EP 02102069 A 20020730**; DE 60230978 T 20020730; JP 2003281599 A 20030729