

Title (en)

RETAINING DEVICE FOR THE FLOATING MOUNTING OF A FLAT SCREEN, AND ELECTRONIC DISPLAY DEVICE COMPRISING A FLAT SCREEN AND A RETAINING DEVICE

Title (de)

HALTEVORRICHTUNG ZUR SCHWIMMENDEN LAGERUNG EINES FLACHBILDSCHIRMS, UND ELEKTRONISCHE ANZEIGEVORRICHTUNG MIT FLACHBILDSCHIRM UND HALTEVORRICHTUNG

Title (fr)

DISPOSITIF DE RETENUE PERMETTANT UN MONTAGE FLOTTANT D'UN ECRAN PLAT ET DISPOSITIF D'AFFICHAGE ELECTRONIQUE COMPRENANT UN ECRAN PLAT ET UN DISPOSITIF DE RETENUE

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Application

EP 02747222 A 20020617

Priority

- DE 0202203 W 20020617
- DE 20110595 U 20010628

Abstract (en)

[origin: WO03003106A1] The invention relates to a retaining device that comprises bearing units (1111, 1112, 1121, 1122) for the floating mounting of a flat screen (2000) that are provided with at least one element each for the elastic positioning (11210) and for vibration damping (11220). An element for positioning preferably includes a cylinder-shaped hard-rubber spacer element (11211). An element for vibration damping (11220) preferably includes a damper with an annular tray-shaped housing and a gel filling (11221). Vibrations and shocks can be passed on in a centered fashion by means of a tappet (11224). The inventive retaining device can be advantageously used in an electronic display device to mount a flat screen, for example configured as an LCD display unit, combined with a touch screen as a contactless unit in a floating manner.

IPC 1-7

G02F 1/13; **G06F 1/16**

IPC 8 full level

G06F 1/16 (2006.01)

CPC (source: EP US)

G06F 1/1601 (2013.01 - EP US); **G06F 2200/1612** (2013.01 - EP US)

Citation (search report)

See references of WO 03003106A1

Citation (examination)

US 5568357 A 19961022 - KOCHIS GARY [US], et al

Cited by

CN107861271A; CN107755297A

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