

Title (en)

Dynamic graphic LED display device for outdoor use in public local passengers traffic

Title (de)

Vorrichtung mit dynamischer, voll graphikfähiger LED-Anzeige im Aussenbereich des öffentlichen Personennahverkehrs

Title (fr)

Dispositif d'affichage dynamique et graphique à LEDs à usage extérieur dans le transport local des personnes

Publication

EP 1339036 A3 20070704 (DE)

Application

EP 03003716 A 20030219

Priority

DE 10207264 A 20020221

Abstract (en)

[origin: DE10207264C1] External dynamic LED display has narrow frame (2) within holder. LED display board (6) is at one or both sides of frame, covering whole surface as further housing. Displays are covered by thin transparent film (3), adhesive on both sides, giving electrical insulation and heat conductivity, under clear pane (4) in watertight fitting. Air passage openings at upper side of frame are covered by membrane (11) of compound nonwoven, air permeable, watertight material. Waterproof connecting socket at under side of frame links LED display to control computer by plug for data and power supplies.

IPC 8 full level

G09F 9/33 (2006.01)

CPC (source: EP)

G09F 9/33 (2013.01)

Citation (search report)

- [A] US 6154362 A 20001128 - TAKAHASHI HITOSHI [JP], et al
- [A] US 6329593 B1 20011211 - YANG CHUNG-CHIN [TW]
- [A] US 6169632 B1 20010102 - KURTENBACH REECE A [US], et al
- [A] US 4970812 A 19901120 - TANAKA ISSEI [JP], et al

Cited by

CN111179741A; US2021126445A1; US11929602B2; WO2020233134A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

Designated extension state (EPC)

AL LT LV MK RO

DOCDB simple family (publication)

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