

Title (en)

Modular display device and a tool for removing the display modules

Title (de)

Modulare Anzeigevorrichtung und Werkzeug zum Entfernen von Anzeigemodulen

Title (fr)

Dispositif d'affichage modulaire et outil pour retirer les modules d'affichage

Publication

**EP 1580709 B1 20060927 (DE)**

Application

**EP 04006928 A 20040323**

Priority

EP 04006928 A 20040323

Abstract (en)

[origin: EP1580709A1] A modular optical signal display unit has a frame (3) holding modules each with housing (8) containing integrated light sources and fixed by clips (28) on opposite sides (14) of the modules and comprising bent tongues with retaining slots (30). Independent claims are included for a tool to separate the module housing from a support frame.

IPC 8 full level

**G09F 9/33** (2006.01); **B25B 27/02** (2006.01); **B25B 27/30** (2006.01); **G09F 9/00** (2006.01); **G09G 3/20** (2006.01); **G09G 3/22** (2006.01); **G09G 5/00** (2006.01)

CPC (source: EP US)

**G09F 9/3026** (2013.01 - EP US); **G09F 9/33** (2013.01 - EP US)

Cited by

CN104969278A; DE102006014800A1; DE102006014800B4; US9684483B2; WO2014070684A1; US9644823B2; US9928760B2; US9612004B2; US9972229B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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**EP 04006928 A 20040323**; AT 04006928 T 20040323; BR PI0500525 A 20050211; CA 2493561 A 20050120; DE 502004001600 T 20040323; US 7904105 A 20050314