Title (en)
Display device and display method for presenting optical contents

Title (de)
Anzeigevorrichtung und Anzeigeverfahren zur Präsentation von optischen Inhalten

Title (fr)
Dispositif et procédé d'affichage pour présenter de contenus optiques

Publication
EP 1892691 B1 20100303 (DE)

Application
EP 07113331 A 20070727

Priority
DE 102006040119 A 20060826

Abstract (en)
[origin: US2009322651A1] The invention relates to a display device for the presentation of visual content at big events and to a display method for the presentation of such content. The device comprises a plurality of display elements (12) connected with carrier elements (13), the display elements being disposed in rows (14). Furthermore, the display device comprises a carrier rail (16) for mechanically fastening the carrier elements (13) and to supply the display elements (12) with voltage and control signals. The rows (14) of the display elements (12) extend at least partially in several directions (18, 20), starting from the carrier rail (16). The inventive display method for the presentation of visual content transmits the control signals originating front the carrier rail (16) via a feed element (22) in a direction (18) of a display element row (14), wherein the signals are deflected at a first end (4) of the display element row (14) through a firs end cap (36) in the direction of a second end (42) of the display element row (14), then deflected at the second end (42) of the display element row (14) by a second end cap (38) in the direction of the carrier rail (16), and deflected back into the carrier rail (15) via the feed element (22).

IPC 8 full level
G09F 9/33 (2006.01)

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

Cited by
EP4167219A1; DE102021126405A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2009322651 A1 20091231; AT E459954 T1 20100315; DE 102006040119 B3 20080110; DE 502007002981 D1 20100415; EP 1892691 A1 20080227; EP 1892691 B1 20100303; ES 2340537 T3 20100604; WO 2008025722 A1 20080306

DOCDB simple family (application)
US 43863407 A 20070823; AT 07113331 T 20070727; DE 102006040119 A 20060826; DE 502007002981 T 20070727; EP 07113331 A 20070727; EP 2007058782 W 20070823; ES 07113331 T 20070727