

Title (en)

LARGE-AREA FIBER OPTIC DISPLAY USING PIEZOELECTRIC SHUTTERS

Title (de)

GROSSFLÄCHIGE FASEROPTISCHE ANZEIGEVORRICHTUNG MIT PIEZOELEKTRISCHEN SCHALTERN

Title (fr)

VISUEL GRANDE SURFACE A FIBRES OPTIQUES METTANT EN OEUVRE DES OBTURATEURS PIEZOELECTRIQUES

Publication

EP 1008130 A1 20000614 (EN)

Application

EP 97928851 A 19970605

Priority

- BE 9600509 A 19960605
- US 9709737 W 19970605

Abstract (en)

[origin: CA2257269A1] A piezoelectric shutter (24) is arranged in a comb pattern (26) and presents a core. The comb is provided with at least one tooth constituting the shutter, the bore being arranged with elevation allowing the displacement of the shutter by the piezoelectric effect. The device is remarkable in that it comprises at least one bimorph (14) arranged on the support, capable of being raised with respect to the support by the piezoelectric effect.

IPC 1-7

G09G 3/34

IPC 8 full level

G02B 26/02 (2006.01); **G09F 9/00** (2006.01); **G09F 9/305** (2006.01); **G09F 13/34** (2006.01); **G09G 3/34** (2006.01)

IPC 8 main group level

G09G (2006.01)

CPC (source: EP KR US)

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DOCDB simple family (publication)

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AU 3301297 A 19970605; BR 9709542 A 19970605; CA 2257269 A 19970605; CN 97196726 A 19970605; EP 97928851 A 19970605; IL 12739197 A 19970605; JP 50085398 A 19970605; KR 19980709867 A 19981203; NZ 33335897 A 19970605