

Title (en)

ILLUMINATION DEVICE

Title (de)

BELEUCHTUNGSEINRICHTUNG

Title (fr)

DISPOSITIF D'ECLAIRAGE

Publication

**EP 1886173 A1 20080213 (DE)**

Application

**EP 06753184 A 20060519**

Priority

- DE 2006000868 W 20060519
- DE 102005024964 A 20050531
- DE 102005042523 A 20050907

Abstract (en)

[origin: WO2006128422A1] The invention relates to an illumination device, comprising a light source (1), suitable for the injection of divergent electromagnetic radiation (6) into an optic fibre (2), whereby injection of the electromagnetic radiation (6) into the optic fibre (2) is carried out by total reflection. Said optic fibre (2) is suitable for altering the main emission direction (17) of the electromagnetic radiation (6) and the optic fibre (2) has a one-piece embodiment. Light diodes are preferably used as light source (1). The illumination device is particularly suitable for the backlighting of displays.

IPC 8 full level

**G02B 6/00** (2006.01); **H01L 33/00** (2010.01); **H01L 33/48** (2010.01)

CPC (source: EP KR US)

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**G02B 6/0028** (2013.01 - EP US); **G02B 6/0068** (2013.01 - EP US)

Citation (search report)

See references of WO 2006128422A1

Citation (examination)

- GB 2324364 A 19981021 - FORD MOTOR CO [GB]
- DE 10143544 A1 20030410 - HELLA KG HUECK & CO [DE]

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

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KR 101236401 B1 20130222; KR 20080031874 A 20080411; TW 200716914 A 20070501; US 2009201698 A1 20090813;  
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