

Title (en)

CAMERA HAVING A THROUGH THE LENS PIXEL ILLUMINATOR

Title (de)

KAMERA MIT TTL BILDELEMENTBELEUCHTUNGSVORRICHTUNG

Title (fr)

APPAREIL PHOTOGRAPHIQUE AVEC ILLUMINATEUR DE PIXELS DE TYPE REFLEX

Publication

**EP 1302066 A1 20030416 (EN)**

Application

**EP 00942347 A 20000709**

Priority

IL 0000404 W 20000709

Abstract (en)

[origin: WO0204247A1] An illumination system (20, 72, 110, 142) for illuminating a scene comprising: an illuminator (24, 74, 116) having a plurality of substantially contiguous independently controllable light (26, 76) providing regions each of which provides light that illuminates a different region of the scene; optics (30) that directs light from the illuminator to the scene; a range finder (22, 64, 112) that determines distances to regions of the scene; and a controller (28, 29, 118) that controls the plurality of light providing regions to provide light for illuminating the scene responsive to distances determined by the range finder (22, 64, 112).

IPC 1-7

**H04N 5/235**

IPC 8 full level

**G03B 15/02** (2006.01); **B60Q 1/08** (2006.01); **G06T 1/00** (2006.01); **H04N 5/238** (2006.01); **H04N 9/04** (2006.01)

CPC (source: EP US)

**B60Q 1/085** (2013.01 - EP US); **F21S 41/141** (2017.12 - EP US); **F21S 41/143** (2017.12 - EP US); **F21S 41/147** (2017.12 - EP US); **F21S 41/153** (2017.12 - US); **F21S 41/663** (2017.12 - EP); **B60Q 2300/054** (2013.01 - EP); **B60Q 2300/312** (2013.01 - EP); **B60Q 2300/32** (2013.01 - EP); **B60Q 2300/45** (2013.01 - EP)

Citation (search report)

See references of WO 0205549A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0204247 A1 20020117**; AU 6941401 A 20020121; EP 1302066 A1 20030416; JP 2004503188 A 20040129

DOCDB simple family (application)

**IL 0100627 W 20010709**; AU 6941401 A 20010709; EP 00942347 A 20000709; JP 2002509283 A 20000709