

Title (en)

THREE-DIMENSIONAL IMAGING SYSTEM

Title (de)

DREIDIMENSIONALES ABBILDUNGSSYSTEM

Title (fr)

SYSTEME D'IMAGERIE EN TROIS DIMENSIONS

Publication

EP 0871917 A1 19981021 (EN)

Application

EP 96921565 A 19960606

Priority

- US 9610181 W 19960606
- US 47685295 A 19950607
- US 47685395 A 19950607
- US 47685495 A 19950607

Abstract (en)

[origin: WO9641227A1] Recent advances in surface techniques have lead to the development of extremely small (sub-micron) scale features. These techniques allow the formation of polymer micro-lenses (14) as well as variable focus liquid lenses (52). The present invention primarily concerns the use of small scale lenses for the fabrication of novel displays which exhibit three-dimensional (3D) effects. Both still images and video images (or other motion images) can be generated.

IPC 1-7

G02B 27/22; H04N 13/00

IPC 8 full level

G02B 3/14 (2006.01); **G02B 27/22** (2006.01); **H04N 13/00** (2006.01); **H04N 13/122** (2018.01)

CPC (source: EP KR US)

B82Y 30/00 (2013.01 - EP); **G02B 3/14** (2013.01 - EP); **G02B 27/10** (2013.01 - KR); **G02B 30/10** (2020.01 - EP); **H04N 13/122** (2018.04 - EP US);
H04N 13/229 (2018.04 - EP); **H04N 13/236** (2018.04 - EP); **H04N 13/243** (2018.04 - EP); **H04N 13/246** (2018.04 - EP);
H04N 13/282 (2018.04 - EP); **H04N 13/296** (2018.04 - EP); **H04N 13/305** (2018.04 - EP); **H04N 13/322** (2018.04 - EP);
H04N 13/344 (2018.04 - EP); **H04N 13/398** (2018.04 - EP); **H04N 13/167** (2018.04 - EP); **H04N 13/189** (2018.04 - EP);
H04N 13/194 (2018.04 - EP); **H04N 13/232** (2018.04 - EP); **H04N 13/25** (2018.04 - EP); **H04N 13/257** (2018.04 - EP);
H04N 13/289 (2018.04 - EP); **H04N 13/293** (2018.04 - EP); **H04N 13/307** (2018.04 - EP); **H04N 13/324** (2018.04 - EP);
H04N 13/327 (2018.04 - EP); **H04N 13/361** (2018.04 - EP); **H04N 13/366** (2018.04 - EP); **H04N 13/395** (2018.04 - EP);
H04N 19/597 (2014.11 - EP); **H04N 2013/0081** (2013.01 - EP)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9641227 A1 19961219; AU 6276496 A 19961230; CA 2223126 A1 19961219; CN 1188727 C 20050209; CN 1193389 A 19980916;
CN 1645187 A 20050727; EP 0871917 A1 19981021; EP 0871917 A4 19991124; JP H11513129 A 19991109; KR 100417567 B1 20040205;
KR 100436538 B1 20040916; KR 1999022726 A 19990325; TW 355756 B 19990411

DOCDB simple family (application)

US 9610181 W 19960606; AU 6276496 A 19960606; CA 2223126 A 19960606; CN 200410101158 A 19960606; CN 96196150 A 19960606;
EP 96921565 A 19960606; JP 50223097 A 19960606; KR 19970709168 A 19971208; KR 20037012438 A 20030924; TW 85107281 A 19960617