

Title (en)
ARRANGEMENT FOR TWO-DIMENSIONAL OR THREE-DIMENSIONAL REPRESENTATION

Title (de)
ANORDNUNG ZUR ZWEI- ODER DREIDIMENSIONALEN DARSTELLUNG

Title (fr)
ENSEMBLE POUR AFFICHAGE EN DEUX OU TROIS DIMENSIONS

Publication
EP 1574078 A2 20050914 (DE)

Application
EP 03799495 A 20031219

Priority
• DE 10261657 A 20021220
• DE 10317614 A 20030411
• EP 0314605 W 20031219

Abstract (en)
[origin: WO2004057878A2] The invention relates to an arrangement for two-dimensional or three-dimensional representation, comprising a pictorial reproduction device (1) that encompasses a plurality of translucent image elements on which image information can be represented from different perspectives, a wavelength filter array (3), an illumination device that operates in at least two modes and can be triggered. Light reaches the viewer (7) from a first source of illumination (2) that is disposed behind the wavelength filter array (3) through at least one portion of the translucent filter elements and then through an associated portion of the image elements of the pictorial reproduction device (1) in a first mode of operation such that the scene or the object can be seen in a three-dimensional manner by the viewer. Light is emitted by a second source of illumination (4) and reaches the viewer (7) through the image elements of the pictorial reproduction device (1) without passing through the filter elements of the wavelength filter array (3) in a second mode of operation such that the scene or the object can be seen at least in part in a two-dimensional manner by the viewer (7). The inventive arrangement also comprises means providing uniform illumination in the second mode of operation.

IPC 1-7
H04N 13/00

IPC 8 full level
H04N 13/00 (2006.01)

CPC (source: EP US)
H04N 13/32 (2018.04 - EP US); **H04N 13/359** (2018.04 - EP US)

Citation (search report)
See references of WO 2004057878A2

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

DOCDB simple family (publication)
WO 2004057878 A2 20040708; WO 2004057878 A3 20041223; AU 2003300219 A1 20040714; CN 102143373 A 20110803; CN 102143373 B 20130130; EP 1574078 A2 20050914; JP 2006511844 A 20060406; US 2006056791 A1 20060316

DOCDB simple family (application)
EP 0314605 W 20031219; AU 2003300219 A 20031219; CN 201110073360 A 20031219; EP 03799495 A 20031219; JP 2005502556 A 20031219; US 53334205 A 20050429