

Title (en)

DENTAL INTRA-ORAL CAMERA COMPRISING INDEPENDENT SETTING OF THE APERTURE AND FOCUS

Title (de)

ZAHNÄRZTLICHE INTRAORALKAMERA MIT VONEINANDER UNABHÄNGIGEN EINSTELLUNGEN DER BLENDE UND DES FOKUS

Title (fr)

CAMÉRA DENTAIRE INTRA-BUCCALE AVEC AJUSTEMENT INDÉPENDANT DE LA FOCALISATION ET DE L'OUVERTURE

Publication

EP 2232321 A2 20100929 (DE)

Application

EP 09702870 A 20090114

Priority

- EP 2009000182 W 20090114
- DE 102008004146 A 20080114
- DE 102008031054 A 20080701

Abstract (en)

[origin: WO2009090051A2] The invention relates to an intra-oral camera (1) having an imaging system for depicting the object located in front of an observation window (6) of the camera (1) on a recording unit (10), wherein the imaging system has at least one focusing unit (16) for setting a suitable focus and an aperture unit (15) for forming a variable aperture. The setting of the aperture is carried out independently of the focus adjusted by the focusing unit (16).

IPC 8 full level

G02B 23/24 (2006.01); **A61B 1/00** (2006.01); **A61B 1/04** (2006.01)

CPC (source: EP US)

A61B 1/00096 (2013.01 - EP US); **A61B 1/00177** (2013.01 - EP US); **A61B 1/00188** (2013.01 - EP US); **A61B 1/042** (2013.01 - EP US); **A61B 1/0615** (2013.01 - EP US); **A61B 1/247** (2013.01 - EP US); **G02B 23/2438** (2013.01 - EP US)

Citation (search report)

See references of WO 2009090051A2

Citation (examination)

- JP 2001337367 A 20011207 - FUJI PHOTO FILM CO LTD
- JP 2003098570 A 20030403 - FUJI PHOTO OPTICAL CO LTD

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008031054 A1 20090716; EP 2232321 A2 20100929; US 2011234781 A1 20110929; US 8780190 B2 20140715; WO 2009090051 A2 20090723; WO 2009090051 A3 20090911

DOCDB simple family (application)

DE 102008031054 A 20080701; EP 09702870 A 20090114; EP 2009000182 W 20090114; US 81293809 A 20090114