

Title (en)  
DEVICE FOR RECORDING PICTURES OF PARCEL SURFACES

Title (de)  
VORRICHTUNG ZUR BILDAUFNAHME VON PAKETOBERFLÄCHEN

Title (fr)  
DISPOSITIF POUR PRISES DE VUES DE SURFACES DE PAQUETS

Publication  
**EP 1124651 B1 20030129 (DE)**

Application  
**EP 99959227 A 19991102**

Priority  
• DE 9903483 W 19991102  
• DE 19851284 A 19981106

Abstract (en)  
[origin: WO0027549A1] The invention relates to a device for recording pictures of parcel surfaces which contain distribution information. Said device comprises a camera (4) which is provided with a CCD sensor and a lens for shooting (5) and which is arranged perpendicularly in relation to the parcel surfaces to be filmed. Said device is further provided with a sensor (3) for sensing the parcel heights, a control unit (7) for producing adjustment signals for the camera (4) depending on the detected parcel height and a transport means for continuously transporting the parcels in front of the camera. The inventive camera (4) has an autofocus zoom lens with a high speed zoom lens drive (6) in order to permit a continuous high dissolution for parcels of different heights. The high speed zoom lens drive (6) is controlled by the control unit (7) in such a manner that the enlargement is always the same irrespective of the previously measured height of the parcel surface containing the distribution information.

IPC 1-7  
**B07C 3/14**

IPC 8 full level  
**B07C 3/14** (2006.01); **G02B 7/08** (2006.01); **G02B 7/28** (2006.01); **G03B 15/00** (2006.01); **G03B 15/02** (2006.01); **G03B 17/12** (2006.01); **G06T 1/00** (2006.01); **H04N 5/225** (2006.01); **H04N 5/232** (2006.01)

CPC (source: EP)  
**B07C 3/14** (2013.01)

Designated contracting state (EPC)  
BE CH DE FR GB IT LI

DOCDB simple family (publication)  
**WO 0027549 A1 20000518**; CA 2349605 A1 20000518; CA 2349605 C 20051018; DE 19851284 A1 20000511; DE 59904191 D1 20030306; EP 1124651 A1 20010822; EP 1124651 B1 20030129; IL 142902 A0 20020421; JP 2003503865 A 20030128

DOCDB simple family (application)  
**DE 9903483 W 19991102**; CA 2349605 A 19991102; DE 19851284 A 19981106; DE 59904191 T 19991102; EP 99959227 A 19991102; IL 14290299 A 19991102; JP 2000580765 A 19991102