

Title (en)

VIDEO CAMERA FOR RECORDING LABELLED ITEMS.

Title (de)

VIDEOKAMERA ZUR AUFZEICHNUNG ETIKETTIERTER GEGENSTÄNDE.

Title (fr)

CAMERA VIDEO POUR ENREGISTRER DES ARTICLES ETIQUETES.

Publication

**EP 0677227 A1 19951018 (EN)**

Application

**EP 94927108 A 19940831**

Priority

- NZ 9400090 W 19940831
- NZ 24857793 A 19930902
- NZ 25069394 A 19940117
- NZ 25082194 A 19940203

Abstract (en)

[origin: WO9507000A1] An electronic camera back (1604) functions as an in-camera frame grabber. It may be attached to a camera body (1601) that focuses an image on a supported (1612) CCD chip (1607). The image is then read out and digitised, then compressed in a JPEG processor (1611) before being stored in a buffer (1605) ready for onwards transmission. Multiple images may be stored. Substantial compression of for example 20:1 is used for the purpose of capturing multiple machine-readable labels as compressed images from collections of merchandise (like tree trunks being loaded onto a ship) for later decoding by image analysis methods. An example 4096 x 4096 pixel CCD chip image is read out, compressed, and stored as about 600K bytes of data in about 6 seconds. Range finding and exposure compensating equipment such as lighting and neutral-density filters are options. Other applications include remote surveillance such as of aircraft at airfields using telecommunications to convey compressed image data.

IPC 1-7

**H04N 5/262**; **H04N 5/222**

IPC 8 full level

**G06K 7/10** (2006.01)

CPC (source: EP)

**G06K 7/1092** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9507000 A1 19950309**; AU 7666994 A 19950322; EP 0677227 A1 19951018; EP 0677227 A4 19960626

DOCDB simple family (application)

**NZ 9400090 W 19940831**; AU 7666994 A 19940831; EP 94927108 A 19940831