

Title (en)  
DEVICE AND METHOD FOR REPRODUCING PHOTOGRAPHIC SOUND RECORDINGS

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR WIEDERGABE VON LICHTTONAUFZEICHNUNGEN

Title (fr)  
PROCEDE ET DISPOSITIF DE REPRODUCTION D'ENREGISTREMENTS DE SON OPTIQUE

Publication  
**EP 1317848 A2 20030611 (DE)**

Application  
**EP 01983447 A 20010822**

Priority  
• DE 10044978 A 20000911  
• EP 0109686 W 20010822

Abstract (en)  
[origin: WO0221821A2] The invention relates to a device and a method for reproducing photographic sound information in double-edged variable-width track (DZ). An opto-electronic converter device (1, 2, 4, 9 to 13) scans the optical sound track (3) of a film (4). Said converter device (1, 2, 4, 9 to 13) produces a digital image signal for intermediate storage in the memory (19) of a program-controlled data processing device (15). Said data processing device (15) derives the course of the two edges of the double-edged variable-width track (DZ) from data values of the intermediately stored image signal. Audio data for reproducing sound are generated using data relating to the course of the edges that is determined.

IPC 1-7  
**H04N 1/00**

IPC 8 full level  
**G03B 31/00** (2006.01); **G03B 31/06** (2006.01); **G06T 5/00** (2006.01); **G11B 7/003** (2006.01); **G11B 7/005** (2006.01)

CPC (source: EP US)  
**G03B 31/06** (2013.01 - EP US); **G11B 7/0032** (2013.01 - EP US)

Citation (search report)  
See references of WO 0221821A2

Designated contracting state (EPC)  
AT BE DE FR

DOCDB simple family (publication)  
**WO 0221821 A2 20020314**; **WO 0221821 A3 20020808**; AU 1495502 A 20020322; EP 1317848 A2 20030611; JP 2004508603 A 20040318; US 2003165087 A1 20030904; US 7400821 B2 20080715

DOCDB simple family (application)  
**EP 0109686 W 20010822**; AU 1495502 A 20010822; EP 01983447 A 20010822; JP 2002526105 A 20010822; US 38001403 A 20030311