

Title (en)
DOCUMENT VIDEO DIGITIZER.

Title (de)
BILDDIGITALISIERER FÜR DOKUMENTE.

Title (fr)
NUMERISEUR VIDEO DE DOCUMENTS.

Publication
EP 0144319 A4 19870617 (EN)

Application
EP 83902338 A 19830607

Priority
US 8300887 W 19830607

Abstract (en)
[origin: WO8405005A1] A high speed document manipulator providing high resolution digital video-signal output. A document transport (10) moves the documents (2) at a high speed for entrance (1) flip-over (31) and exit (30), and at about one-fifth that speed for video scanning while moving for producing the video signal. Servo control (43) provides a forward and back initial motion to obtain top to bottom scanning. The servo circuit is electrically protected (70). The video sensor (18) is firmly coupled to the optical system (17). An elongated light source (20) elliptical reflector (21) and "cool" mirror (22) provide an elongated transverse illuminated area on the document as it moves through.

IPC 1-7
H04N 1/12

IPC 8 full level
H04N 1/04 (2006.01); **H04N 1/00** (2006.01); **H04N 1/028** (2006.01); **H04N 1/12** (2006.01)

CPC (source: EP)
H04N 1/00572 (2013.01); **H04N 1/00578** (2013.01); **H04N 1/00588** (2013.01); **H04N 1/00591** (2013.01); **H04N 1/0061** (2013.01); **H04N 1/00631** (2013.01); **H04N 1/02815** (2013.01); **H04N 1/0285** (2013.01); **H04N 1/0287** (2013.01)

Citation (search report)

- [A] EP 0051227 A2 19820512 - TOKYO SHIBAURA ELECTRIC CO [JP]
- [A] GB 1368565 A 19741002 - RICOH KK
- [E] US 4424535 A 19840103 - ROTHBART MICHAEL [US], et al
- [A] MICRO-ELECTRONICS, vol. 7, no. 2, 1975, pages 60-63, Luton, GB; T. SIMMS: "The application of CCD's to documents scanning"
- See references of WO 8405005A1

Designated contracting state (EPC)
DE FR GB NL

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DOCDB simple family (application)
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