

Title (en)
MULTIPLE-HEAD PHOSPHOR SCREEN SCANNER

Title (de)
MEHRKOPF-PHOSPHORSCHIRM ABTASTER

Title (fr)
SCANNER A ECRAN FLUORESCENT ET A TETES MULTIPLES

Publication
EP 1123502 A4 20031105 (EN)

Application
EP 99958635 A 19990923

Priority

- US 9922104 W 19990923
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Abstract (en)
[origin: CA2345266A1] A multiple-head scanning device (20) for reading an image stored on a photostimulable phosphor storage screen (10), comprising, a rotatable frame having a center (13) and an outer perimeter (15); a photomultiplier tube (40) mounted to the rotatable frame at a location proximal the center (13) of the rotatable frame; a plurality of radially extending optical trains (12) mount ed to the rotatable frame at 120 degrees to one another, each optical train (12) configured to direct incident laser light towards phosphor storage screen (1 0) and to direct response radiation emitted by phosphor storage (10) screen in response to the incident laser light towards the photomultiplier tube (40).< /SDOAB>

IPC 1-7
G01N 23/04; **G03B 42/02**; **H04N 1/10**

IPC 8 full level
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G11B 7/0903 (2013.01); **G11B 7/095** (2013.01); **G11B 7/127** (2013.01); **G11B 7/1362** (2013.01); **G11B 7/1372** (2013.01); **G11B 7/241** (2013.01); **G11B 2220/2537** (2013.01)

Citation (search report)

- [X] US 5724171 A 19980303 - AMOS WILLIAM BRADSHAW [GB], et al
- [A] US 4816923 A 19890328 - SAOTOME SHIGERU [JP]
- [A] US 4626065 A 19861202 - MORI KEI [JP]
- [A] US 4470662 A 19840911 - MUMZHIU ALEXANDER M [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 07 31 July 1996 (1996-07-31)
- See references of WO 0019477A2

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