

Title (en)

CONTROLLED ASYNCHRONOUS-MOTOR DRIVE DESIGNED FOR A ROTATING-DRUM SCANNER AND WITH A HOLLOW-SHAFT ROTOR FOR THE INTERNAL ILLUMINATION DEVICE

Title (de)

EINEN GESTEUERTEN ASYNCHRONMOTORANTRIEB FÜR EINEN TROMMELSCANNER, DESSEN ROTOR ALS HOHLWELLE ZUR ANORDNUNG DER INNENBELEUCHTUNGSEINRICHTUNG AUSGEBILDET IST

Title (fr)

ENTRAÎNEMENT DE MOTEUR ASYNCHRONE COMMANDE POUR SELECTEUR ELECTRONIQUE A TAMBOUR, AVEC ROTOR CON U COMME UN ARBRE CREUX ABRITANT LE DISPOSITIF D'ECLAIRAGE INTERIEUR

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Application

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Abstract (en)

[origin: DE19601524A1] Vertical rotating-drum scanners, with a fixed or replaceable drum fitted on one side, for scanning direct-view images or transparencies must not only ensure vibration-free rotation of the drum but must also have a very compact design. The invention meets both requirements by using a controlled, direct asynchronous drive which avoids jitter caused by transmission equipment such as gearing of any kind, the drive rotor being designed as a hollow shaft which is also the scanner-system axle. The hollow-shaft design enables the light for the internal illumination of the drum to be guided along the hollow shaft, thus saving space.

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