

Title (en)

Device for driving a photoconductive element of an electrophotographic copier.

Title (de)

Vorrichtung zum Antrieb eines photoleitenden Elementes in einem elektrophotographischen Kopiergerät.

Title (fr)

Dispositif d'entraînement de l'élément photoconducteur d'un copieur électrophotographique.

Publication

EP 0272517 A2 19880629 (EN)

Application

EP 87117973 A 19871204

Priority

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- JP 20274186 U 19861225

Abstract (en)

A device for driving a photoconductive drum (70) of an electrophotographic copier and others is operable without the need for gears, a toothed belt and other transmission mechanisms. An outer roller type drive motor (80) is interposed between the drum (70) and a drum support shaft (76) such that an outer wheel portion of the motor drives the drum by way of an engaging member. Those members with which the body of the motor and that of the copier are engaged are made of a vibration-damping material. Tapered portions which are axially movable into and out of contact with each other are provided in a drive transmitting section with which an output portion of the motor and one end of the drum are engageable. Pressing means (100) for causing one end of the drum into contact with the outer wheel portion of the motor through the tapered portions is provided at the other end of the drum.

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