

Title (en)

Imaging apparatus and lead screw drive.

Title (de)

Abbildungsgerät und Gewindespindeltrieb.

Title (fr)

Appareil de formation d'images en entraînement à vis-écrou.

Publication

**EP 0529563 A2 19930303 (EN)**

Application

**EP 92114402 A 19920824**

Priority

- US 74938291 A 19910823
- US 74938391 A 19910823

Abstract (en)

An imaging system comprising a source of light movable with respect to a writing element and projectable thereon to generate an image, a focusing means is provided for focusing a light source which generates a first beam of light of a wavelength selected to be actinic with respect to the writing element. At least a portion of the first beam of light is absorbed by the writing element. The apparatus comprises means to automatically supply donor sheets and receiver sheets independently to a writing platen or drum, and to selectively load and unload the donor sheets from superposition with the receiver sheet without disturbing the registration of the receiver sheet. Also included are components which contribute to the quality of the images generated, such as relatively inexpensive, low jitter transports and drives for the writing head and imaging drum. <IMAGE>

IPC 1-7

**B41J 29/02**

IPC 8 full level

**B41J 25/304** (2006.01); **B41J 29/02** (2006.01)

CPC (source: EP)

**B41J 25/304** (2013.01); **B41J 29/02** (2013.01)

Cited by

US6131478A; EP0814595A3; EP0882597A1; US6034713A; US5913941A; CN113020697A; US6467362B2; US6415673B1; US6422101B2; WO9846433A1

Designated contracting state (EPC)

DE DK FR GB NL

DOCDB simple family (publication)

**EP 0529563 A2 19930303**; **EP 0529563 A3 19930526**; **EP 0529563 B1 19980114**; DE 69224020 D1 19980219; DE 69224020 T2 19980813; DK 0529563 T3 19980914

DOCDB simple family (application)

**EP 92114402 A 19920824**; DE 69224020 T 19920824; DK 92114402 T 19920824