

Title (en)  
Imaging apparatus and lead screw drive

Title (de)  
Abbildungsgerät und Gewindespindelantrieb

Title (fr)  
Appareil de formation d'images en entraînement à vis-écrou

Publication  
**EP 0529563 B1 19980114 (EN)**

Application  
**EP 92114402 A 19920824**

Priority  
• US 74938291 A 19910823  
• US 74938391 A 19910823

Abstract (en)  
[origin: EP0529563A2] 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)

Citation (examination)  
• US 4134695 A 19790116 - RANDOLPH JOHN E  
• US 4744686 A 19880517 - WAKABAYASHI HIROTADA [JP]

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

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