

Title (en)

MULTI-MODE PAPER FEEDING MECHANISM INCORPORATING A DUAL FEED RATE ROLLER SYSTEM

Publication

EP 0258881 B1 19920304 (EN)

Application

EP 87112785 A 19870902

Priority

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Abstract (en)

[origin: EP0258881A1] A paper handling mechanism is described that can feed both cut sheets and continuous forms. This multi-mode paper handling capability is achieved by using a dual feed rate roller system. A single feed roller (30) is constructed of a compressible material and deflected by separate idler rollers (32, 36) along the input and output paths (22, 24) to produce different feed rates. By constructing the feed roller (30) out of a compressible material a high feed rate is obtained with a low feed force. Thus, precise paper feeding of both cut sheets and continuous forms is achieved with a mechanism fitting within a confined space and having small number of moving parts.

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