

Title (en)  
Base paper web feeder.

Title (de)  
Papierbahnförderer.

Title (fr)  
Dispositif d'alimentation de bande de papier.

Publication  
**EP 0502317 A1 19920909 (EN)**

Application  
**EP 92101615 A 19920131**

Priority  
JP 1644891 U 19910228

Abstract (en)  
Upon exchange of a base paper web, the base paper web, which is left under a pulled-out condition at the leading end of the same base paper web after cutting an old-order base paper web, is made to be automatically wound at the original position on the side of a roll. A rolled paper web paying-out velocity is detected by an encoder (14) provided at a feed roll (16), and also a number of revolution of the rolled base paper web is detected by an encoder (10) mounted to an axial end of the rolling center (3). On the basis of a velocity and a number of revolution obtained by the encoders (10, 14), a diameter of the base paper web at the time point of joining paper webs is calculated by a controller (15), and a number of revolution for rewinding the rolled base paper web is calculated on the basis of a payed-out length of the rolled paper web up to the cutting position and the above-mentioned diameter of the base paper web. By rewinding the rolled base paper web by the obtained number of revolution, the cut portion at the leading end of the paper web is rewound up to a predetermined position of the rolled base paper web. <IMAGE> <IMAGE>

IPC 1-7  
**B65H 19/29**; **B65H 26/06**

IPC 8 full level  
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CPC (source: EP)  
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Citation (search report)  
• [Y] US 4597316 A 19860701 - ICHIKAWA HARUO [JP]  
• [Y] EP 0106167 A1 19840425 - CROWN ZELLERBACH CORP [US]  
• [A] FR 2336334 A1 19770722 - KORES SPA [IT]  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 6, no. 216 (M-168)(1094) 29 October 1982 & JP-A-57 121 549 ( FUKUOKA SEISHI K. K. ) 29 July 1982  
• [A] IBM Technical Disclosure Bulletin Vol. 28 No. 4 Page 1584-85 September 1985 "Apparatus for adhesive preparation and transfer to a reel of a tape cartridge."

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