

Title (en)  
COMPENSATION LOOP DEVICE FOR A WEB AND OPERATION

Publication  
**EP 0344698 A3 19900704 (EN)**

Application  
**EP 89109693 A 19890530**

Priority  
IT 2083588 A 19880602

Abstract (en)  
[origin: EP0344698A2] Compensation loop device put between a web (38) supply and the input of said web (38) in a paper using machine such as a high speed printer, for example a laser printer, including a frame (12) provided with sliding feeding rollers (28 and 30), the latter roller (30) is driven by an electrical motor (32) that accelerates or decelerates said web (38) coming into said machine according to becoming shorter or longer said loop (40a).

IPC 1-7  
**B41J 15/04**

IPC 8 full level  
**B65H 20/24** (2006.01); **B65H 20/32** (2006.01); **B65H 23/04** (2006.01)

CPC (source: EP)  
**B65H 20/24** (2013.01); **B65H 23/042** (2013.01)

Citation (search report)

- [A] DE 2912656 A1 19801009 - OLYMPIA WERKE AG
- [A] DE 2500396 A1 19760708 - PHILIPS PATENTVERWALTUNG
- [A] PATENT ABSTRACTS OF JAPAN, vol. 10, no. 153, (M-484) 3 June 1986; & JP-A-61 008 367 (FUJI SHASHIN FILM K.K.) 16-01-1986
- [X] PATENT ABSTRACTS OF JAPAN, vol. 2, no. 103 (M-78) 24 August 1978; & JP-A-53 069 722 (NIPPON DENKI K.K.) 21-06-1978

Cited by  
ES2062917A2; EP0836887A1; EP0500160A1; EP1302326A3

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0344698 A2 19891206; EP 0344698 A3 19900704; EP 0344698 B1 19950405**; AT E120694 T1 19950415; DE 68922021 D1 19950511; DE 68922021 T2 19951026; IT 1234195 B 19920506; IT 8820835 A0 19880602; JP H0233044 A 19900202

DOCDB simple family (application)  
**EP 89109693 A 19890530**; AT 89109693 T 19890530; DE 68922021 T 19890530; IT 2083588 A 19880602; JP 13935389 A 19890602