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EUROPEAN PATENT APPLICATION

21 Application number: **90114839.5**

51 Int. Cl.⁵: **B41F 31/02**

22 Date of filing: **02.08.90**

30 Priority: **29.09.89 US 414790**

43 Date of publication of application:
03.04.91 Bulletin 91/14

84 Designated Contracting States:
BE DE FR GB IT NL SE

88 Date of deferred publication of the search report:
05.06.91 Bulletin 91/23

71 Applicant: **ROCKWELL INTERNATIONAL**

CORPORATION
625 Liberty Avenue
Pittsburg, Pennsylvania 15222-3123(US)

72 Inventor: **Danielson, Michael T.**
910 Borden Drive
Roselle, Illinois 60172(US)

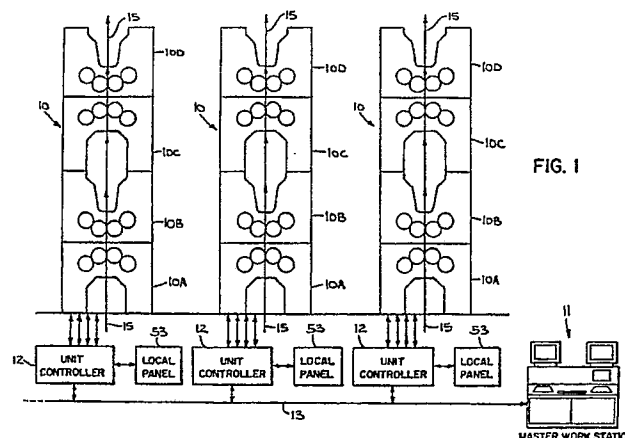
74 Representative: **Leiser, Gottfried, Dipl.-Ing. et al**
Patentanwälte Prinz, Leiser, Bunke & Partner
Manzingerweg 7
W-8000 München 60(DE)

54 **Multiple ink zero calibration for printing presses.**

57 A method of providing a software zero state for a plurality of ink adjusting modules in a printing press. Each of the ink adjusting modules are provided for adjusting an associated plunger assembly for dispensing ink to an ink rail in the printing press, each ink adjusting module having an ink control lever which contacts the plunger assembly to change the ink volume being pumped by the associated plunger assembly to the ink rail, having a mechanical stop for the ink control lever and having an adjustable ink control rod contacting the ink control lever. The method has the steps of: placing the printing press in a manual mode; positioning the ink control lever of

each ink adjustment module at the associated mechanical stop; operating a bidirectional motor in each ink adjustment module to move the ink control lever to a position corresponding to a desired black printing via the ink module control rod which is connected to the motor and which contacts the control lever; and measuring the position of the motor with a potentiometer; storing the position of each motor, from a position value output by the associated potentiometer, in a memory thereby providing the software zeros for the printing press.

EP 0 419 812 A3





EUROPEAN SEARCH
REPORT

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A,D	US-A-4 667 323 (ENGDAHL ET AL) * the whole document * - - -	1	B 41 F 31/02 B 41 F 31/08
A	EP-A-0 182 291 (DAI NIPPON INSATSU) * the whole document * - - - - -	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 41 F H 04 L
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		10 April 91	EVANS A.J.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention</p> <p>E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons</p> <p>&: member of the same patent family, corresponding document</p>			