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(71) Applicant: **Dainippon Screen Mfg. Co., Ltd.**
1-1, Tenjinkitamachi Teranouchi-Agaru 4-chome
Horikawa-Dori
Kamikyo-ku Kyoto 602 (JP)

(72) Inventor: **Oda, Osamu c/o Dainippon Screen Mfg. Co., Ltd.**
Kuze Plant of 465-1 Tsukiyama-cho
Kuze Minami-ku Kyoto (JP)

Mizuta, Masaji c/o Dainippon Screen Mfg. Co., Ltd.
Kuze Plant of 465-1 Tsukiyama-cho
Kuze Minami-ku Kyoto (JP)

Tsuchimoto, Shuji Dainippon Screen Mfg. Co., Ltd.
Kuze Plant of 465-1 Tsukiyama-cho
Kuze Minami-ku Kyoto (JP)

Okuda, Hideharu Dainippon Screen Mfg. Co., Ltd.
Kuze Plant of 465-1 Tsukiyama-cho
Kuze Minami-ku Kyoto (JP)

Nakajima, Masahiro Dainippon Screen Mfg. Co., Ltd.
Kuze Plant of 465-1 Tsukiyama-cho
Kuze Minami-ku Kyoto (JP)

Sumi, Kenji c/o Dainippon Screen Mfg. Co., Ltd.
Kuze Plant of 465-1 Tsukiyama-cho
Kuze Minami-ku Kyoto (JP)

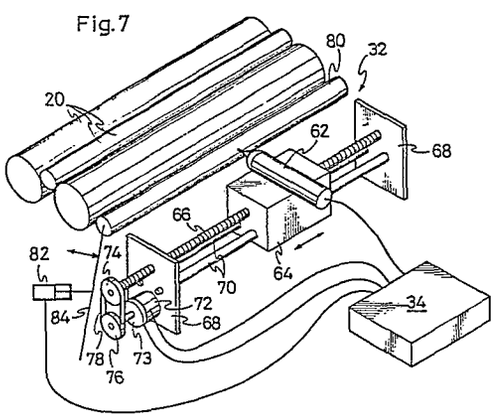
Kadota, Tomoyuki Dainippon Screen Mfg. Co., Ltd.
Kuze Plant of 465-1 Tsukiyama-cho
Kuze Minami-ku Kyoto (JP)

(74) Representative: **Goddar, Heinz J., Dr. et al**
FORRESTER & BOEHMERT Widenmayerstrasse 4/I
D-8000 München 22 (DE)

(54) **An automatic ink feeding apparatus in an offset proof press machine.**

(57) In an automatic ink feeding apparatus in an offset proof press machine, which feeding apparatus includes an ink feeding unit (32) including ink feeding part (62) movable along the axial direction of inking rollers (18, 20) for feeding ink (94) to the inking rollers (18, 20), a density measuring unit (24) measures a plurality of patches (40) for use in density control of printings impressed on a blank of an image (38) of a printing paper (6) by the proof press machine, and an operation means (28, 28a, 28b) makes a comparison of printing density (A, A'n, A"n) of the patches (40) detected by the measuring means (24) with preset target density (B, Do, D'o) and finds data concerning required amounts of ink to be fed to predetermined axial positions of the inking rollers (18, 20) respectively corresponding to the patches (40) on the basis of the comparison, and a control unit (34) actuates the ink feeding means (32) to feed the amounts of ink (94) to the axial positions of the inking rollers (18, 20) on the basis of the data.

Fig.7



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EUROPEAN SEARCH REPORT

Application Number

EP 88 10 9377

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.4)
X	EP-A-107121 (Man Roland Druckmaschinen)	1-4,	B41F33/00
	* the whole document *	8-10	B41F31/08
Y		2	

X	GB-A-2065559 (MCCORQUODALE)	5-7	
	* the whole document *		
Y		2	

X	GB-A-1162667 (DARGOLS)	5-7	
	* the whole document *		
Y		2	

TECHNICAL FIELDS SEARCHED (Int. Cl.4)

B41F

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	13 JANUARY 1989	EVANS A.J.

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