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(54) **A method and arrangement for cleaning guide rollers.**

(57) The invention relates to an arrangement and a method for removing printing ink from guide rollers (11) in a printing press.

As a paper web (2) moves along its normal path through the printing press while printing is suspended, a printing-ink solvent (6), preferably a mineral-oil fraction, is sprayed onto the paper web, either upstream or downstream of a printing machine (1). The printing-ink deposits on the rollers (11) are dissolved by the solvent as the sprayed paper-web (2) passes over the rollers (11), and the dissolved printing ink is then wiped from the rollers with a non-sprayed part of the paper web (2).

In accordance with one preferred embodiment, the solvent (6) is sprayed onto the paper web (2) in one or more sinusoidal paths and the guide rollers (11) are subsequently braked, preferably to a complete stop and preferably pulse-wise when the sprayed part of the web and the wiping part of the web (2) passes over the rollers. The duration of the pulses is preferably variable and adapted to the cleaning effect desired.

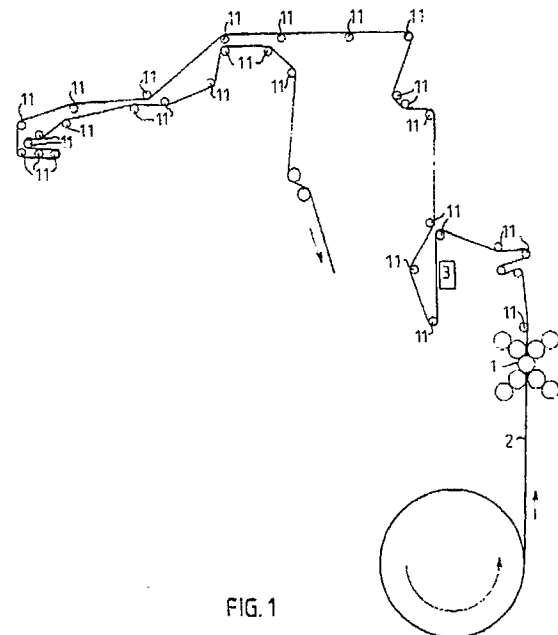


FIG. 1

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EUROPEAN SEARCH REPORT

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EP 90 85 0330

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	US-A-3508711 (SWITALL) * the whole document * -----	1	B41F35/00
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B41F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 APRIL 1991	Examiner EVANS A. J.
CATEGORY OF CITED DOCUMENTS 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 E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			