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54 **Paper stacking arrangement.**

57 In a paper stacking arrangement in which a length of prefolded printer paper (16) with series of spaced-apart apertures (26) adjacent the opposite edges (28; 30) thereof is driven through a printer (10) by opposite tractor drives (12; 14) and then pulled from the printer (10) by paper-pulling rollers (74; 84) and then dropped into a paper basket (52) where the paper (16) folds to form a stack (63), a paper ironing mechanism (82) presses the paper (16) flat at the opposite series of apertures (26) prior to stacking to avoid paper jams and to provide a flatter stack of the paper (16) within the paper basket (52). Portions of the edges (38) of the apertures (26) in the paper (16) which are often bent out of the plane of the paper (16) by the pins (36) of the tractor drive (12, 14) are ironed flat by the paper ironing mechanism (82) which includes an arrangement of rollers (74, 84) disposed on opposite sides of the paper (16) at the series of apertures (26) and biased toward one another.

In a preferred embodiment of a paper ironing mechanism (82), the paper pulling rollers (74) of an arrangement for pulling the length of paper (16) out of the printer (10) are disposed on one side of the paper (16) at the opposite series of apertures (26). Idler rollers (84, 90) disposed on the opposite side of the paper (16) are biased against the paper (16) and the opposite paper puller rollers (74) by leaf springs (86) on which the idler rollers (84, 90) are rotatably mounted.

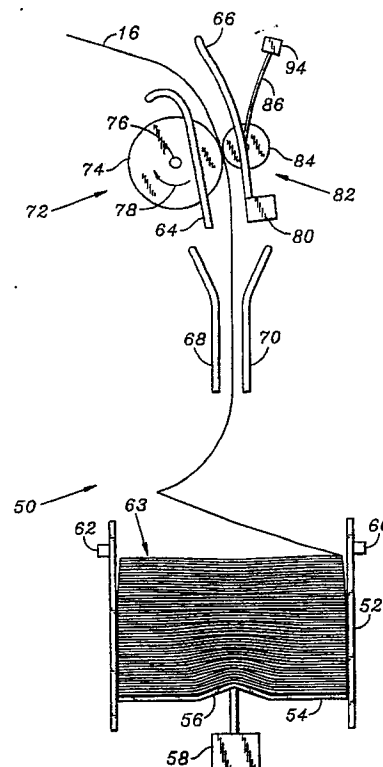


FIG. 7



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	CH - A5 - 621 099 (SIEMENS AG) * Claim 1 *	1, 5, 11
A	US - A - 4 172 592 (MUELLER et al.) * Totality *	1-14
The present search report has been drawn up for all claims		
Place of search VIENNA	Date of completion of the search 07-05-1991	Examiner MELZER
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		

CLASSIFICATION OF THE APPLICATION (Int. Cl.5)

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TECHNICAL FIELDS SEARCHED (Int. Cl.5)

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