

12 **EUROPEAN PATENT APPLICATION**

21 Application number: **84402682.3**

51 Int. Cl.⁴: **B 65 H 3/32**
B 65 H 33/04

22 Date of filing: **20.12.84**

30 Priority: **21.12.83 JP 243154/83**
25.06.84 JP 95414/84

43 Date of publication of application:
03.07.85 Bulletin 85/27

88 Date of deferred publication of search report: **10.06.87**

84 Designated Contracting States:
DE FR IT

71 Applicant: **KANZAKI PAPER MANUFACTURING CO., LTD**
9-8 Yonchome Ginza Chuo-ku
Tokyo 104(JP)

72 Inventor: **Suzuki, Kozo c/o Kanzaki Paper**
Manufacturing Co., Ltd. 1-11 Motomachi
Jyokoji Amagasaki Hyogo(JP)

72 Inventor: **Sakaguchi, Takateru c/o Kanzaki Paper**
Manufacturing Co., Ltd. 1-11 Motomachi
Jyokoji Amagasaki Hyogo(JP)

72 Inventor: **Tomiya, Osamu c/o Kanzaki Paper**
Manufacturing Co., Ltd. 1-11 Motomachi
Jyokoji Amagasaki Hyogo(JP)

72 Inventor: **Tanaka, Yoshiaki c/o Kanzaki Paper**
Manufacturing Co., Ltd. 1-11 Motomachi
Jyokoji Amagasaki Hyogo(JP)

72 Inventor: **Saiwai, Kazuhiko c/o Kanzaki Paper**
Manufacturing Co., Ltd. 1-11 Motomachi
Jyokoji Amagasaki Hyogo(JP)

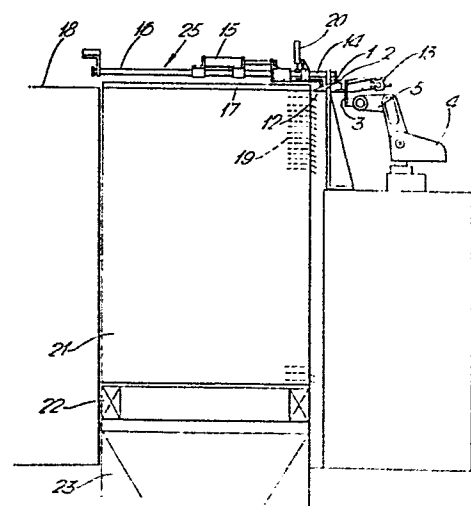
72 Inventor: **Yasumura, Shinichi c/o Kanzaki Paper**
Manufacturing Co., Ltd. 1-11 Motomachi
Jyokoji Amagasaki Hyogo(JP)

74 Representative: **Rinuy, Santarelli**
14, avenue de la Grande Armée
F-75017 Paris(FR)

54 **Method and apparatus for sequentially feeding sheet stacks.**

57 Sheet stacks (17) bordered by sheet markers (19) are sequentially fed from a pile (21) of aligned and stacked sheets containing sheet markers (19) inserted into these sheets through end wall at specific intervals with bare portion left outside, using a sheet stack delivery apparatus including at least lifter means (23) that mounts sheet stacks (21) to allow the uppermost sheet stack (17) to be sequentially transferred to a pre-determined level; a wedge-type head (1) for separating sheet stacks (17) comprising its tip part facing the end wall of the sheet pile (21) at a position close to the sheet marker (19) bordering the uppermost and the second sheet stacks (17) and also the upper tilt surface and the bottom surface ending at the tip part; and means for transferring the uppermost sheet stack (17) by holding and pushing forward an end wall of the uppermost sheet stack (17) split by the wedge head (12).

Fig. 1.





EP 84 40 2682

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)
A	GB-A-1 312 038 (GADLER) -----	1	B 65 H 3/32 B 65 H 33/02
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			B 65 H B 25 J B 65 G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 05-03-1987	Examiner LONCKE J.W.
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			