

**EUROPEAN PATENT APPLICATION**

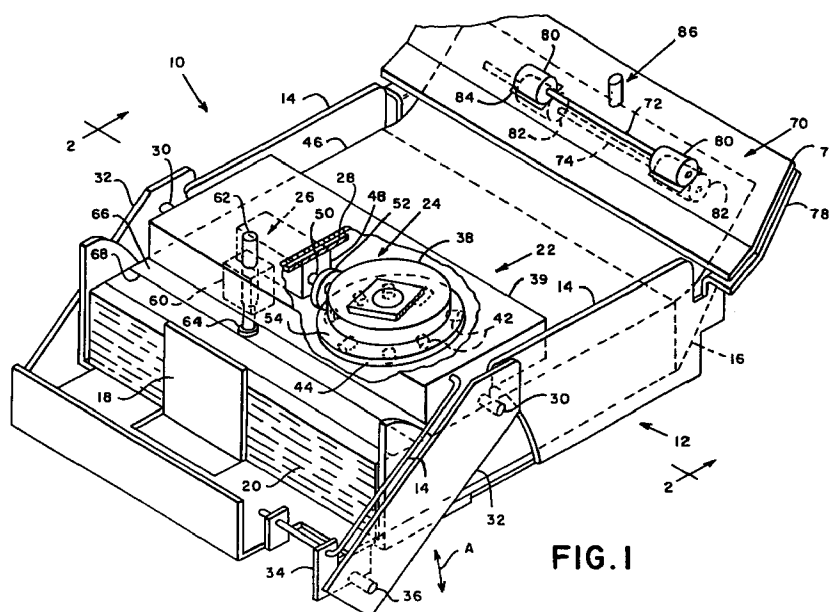
(51) Int. Cl.<sup>6</sup>: **B65H 3/52**, B65H 3/06

(22) Date of filing: 22.08.1997

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**(54) Sheet separating and feeding device**

feeding device (24) off of the top sheet to remove the normal force from the weight of this device from the stack. When the top sheet is entirely removed from the stack, the first feeding device (24) is lowered to engage the new top sheet and the retaining force is removed therefrom so that it can now be fed to the take away feeder (70).





European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 97 11 4564

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.6)
X	DE 147 879 C (E. J. HALLBERG) * the whole document * ---	1-7	B65H3/52 B65H3/06
X	DE 161 697 C (AKTIEBOLAGET DUX) * the whole document * ---	1-7	
X	DE 281 653 C (KOENIGS BOGENANLEGER) * page 2, line 25 - page 3, line 3; figure 2 * ---	1-7	
A	US 2 082 239 A (E. W. BELLUCHE ET AL) 1 June 1937 * page 2, line 12 - page 4, line 44; figures * ---	1-7	
A	DE 208 437 C (FISCHER & KRECKE GMBH) * the whole document * ---	1-6	
D,A	US 4 165 870 A (FALLON ET AL) 28 August 1979 * the whole document * -----	1	<b>TECHNICAL FIELDS SEARCHED (Int.Cl.6)</b>  B65H
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>3 November 1998</b>	Examiner <b>Raven, P</b>
<b>CATEGORY OF CITED DOCUMENTS</b> 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			

EPO FORM 1503 03 82 (P04C01)