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see Notice of 26 May 2006

(54) Title: INTERLEAVE MACHINE AND METHOD FOR STACKING FLAT OBJECTS

(57) Abstract: An interleave machine for stacking a plurality of generally flat objects and a method for stacking a plurality of generally flat objects and components, steps and/or assemblies of an interleave machine, including but not limited to a Bernoulli pick up and place device and the steps of using the size and shape of a plate to determine the fold (or crease) point of a surrounding separator.



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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/26548

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: **B65B 35/50**( 2006.01);**H01M 2/08**( 2006.01)

USPC: 414/788.1;429/35

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 414/788.1; 429/35

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category *    | Citation of document, with indication, where appropriate, of the relevant passages                                                               | Relevant to claim No.                         |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| X<br>---<br>Y | US 6,024,533 (Redden) 15 February 2000 (15.2.2000), column 4, lines 38-67, column 8, lines 11-67, column 9, lines 1-67 and column 10, lines 1-5. | 1-2, 4, 8-11, 15-20<br>-----<br>3, 5-7, 12-14 |
| Y             | US 6,399,253 B1 (Chang et al.) 4 June 2002 (04.06.2002), column 3, lines 63-65.                                                                  | 3, 5-7, 12-14                                 |



Further documents are listed in the continuation of Box C.



See patent family annex.

### \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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