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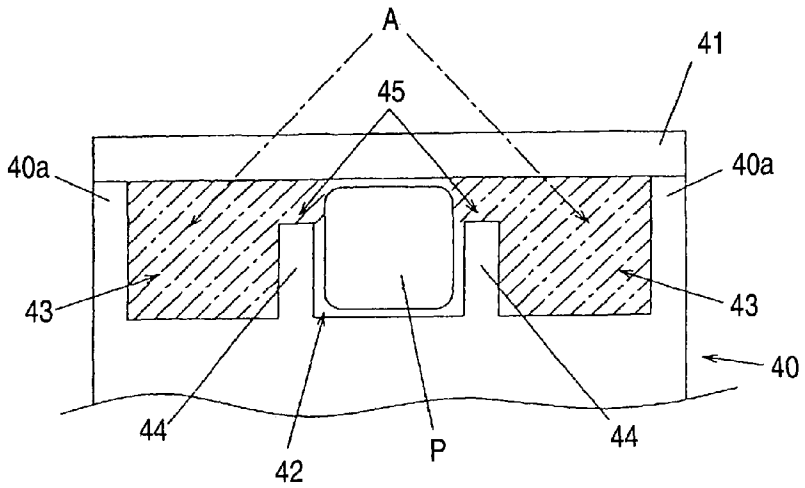
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(54) Title: BULK COMPONENT FEEDER



(57) Abstract: A bulk component feeder includes a conveying channel 42 through which the electronic components P are conveyed, a ventilation channel 43 that is formed along the conveying channel 42, and a partition 44 by which postures of the electronic components P conveyed through the conveying channel 42 are maintained and by which the conveying channel 42 is separated from the ventilation channel 43. The conveying channel 42 communicates with the ventilation channel 43 through an upper part 45 of the partition 44. It is possible to increase a size of an air channel A which acts as a flow channel for airflow and through which the electronic components P are conveyed with no respect to sizes of the electronic components P, thus, a desirable conveying speed is assured even though the conveyed electronic components P are micro-components.

WO 2007/015568 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. H05K13/02

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)
H05K

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 practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 101 26 088 A1 (TAIYO YUDEN KK [JP]) 31 January 2002 (2002-01-31)	1
A	the whole document	3
X	EP 0 951 210 A2 (MATSUSHITA ELECTRIC IND CO LTD [JP] MATSUSHITA ELECTRIC IND CO LTD) 20 October 1999 (1999-10-20)	1,5,6
A	column 8, line 56 - column 8, line 17; figure 2b	2-4

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
19 January 2007	30/01/2007

Name and mailing address of the ISA/	Authorized officer
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 10126088 A1	31-01-2002	JP 3794902 B2	12-07-2006
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