Title: METHOD AND APPARATUS FOR PCB FINISHING PROCESSES

Abstract: An apparatus for printing PCBs includes both solder mask ink and notation ink printing subsystems within the same unit. Notification ink and solder mask ink may be applied by a single apparatus or by separate apparatuses, such as an ink jet printer, and may be dried by a single drying mechanism or by separate drying mechanisms. The apparatus may also be equipped with a flipping station to allow dual-sided printing and/or a curing station to complete the PCB printing process.
Published:

— with international search report (Art. 21(3))

(88) Date of publication of the international search report:
7 January 2010

— the filing date of the international application is within two months from the date of expiration of the priority period (Rule 26bis.3)
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC: B41L 13/12 (2006.01), H05K 3/00 (2006.01)

USPC: 101/126, 129; 29/846

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.: 101/126, 129; 29/846

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)

PRINT; DETECT; SOLDER; CIRCUIT; BOARD; SENSOR; MASK

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 6,754,551 B1 (ZOHAR ET AL.) 22 June 2004, see entire document.</td>
<td>1-20</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C.

See patent family annex

Date of the actual completion of the international search
26 May 2009 (26.05.2009)

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Form PCT/ISA/210 (second sheet) (April 2007)