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(54) **Title:** THERMALLY-ARMORED RADIO-FREQUENCY IDENTIFICATION DEVICE AND METHOD OF PRODUCING SAME

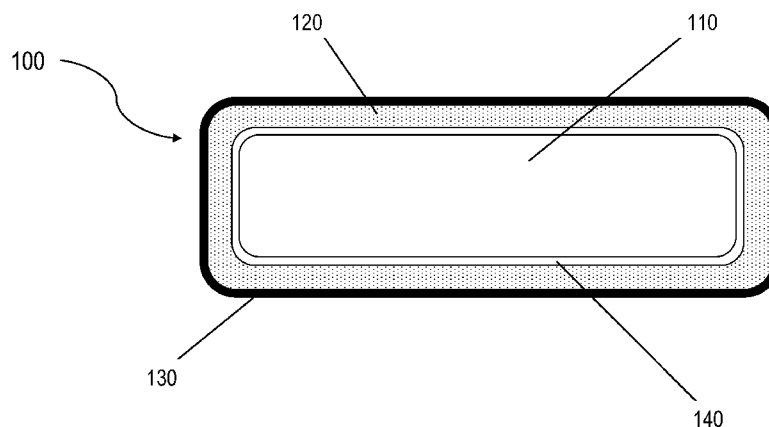


FIG. 1

(57) **Abstract:** A thermally-armored RFID tag is configured to withstand extreme temperatures associated with certain product fabrication, including, but not limited to, the temperatures of molten metal and plastic. The thermal protection allows the RFID tag to be inserted into products during their fabrication, molding, casting, or extrusion, instead of being applied to the surface or inserted into the surface of the products after their fabrication



INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

G06K 19/00 (2006.01)

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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)

G06K 19/00-19/07, G06F 17/00-17/30, 19/00, G08B 13/00-13/14, G01R 21/00, B29C 43/00-43/18, H01L 23/00-23/28, H04M 1/00-1/66, H02J 7/00, 9/00, H04L 9/00-9/08

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)

PatSearch (RUPTO internal), Esp@cenet, PAJ, KIPO, USPTO, SIPO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	TW 200842019 A (YCL ENTPR CO LTD) 01.11.2008,	1-2, 7-17
Y	abstract	3-6, 18-25
Y	KR 20080038478 A (SK TELECOM CO LTD) 07.05.2008, abstract, claims 2, 5-10	20-25
Y	US 2007132593 A1 (FUJITSU LTD) 14.06.2007, abstract	3
Y	CN 101901367 A (SUZHOU GAIA INTELLIGENT TECHNOLOGY CO LTD) 01.12.2010, abstract	4-5, 19
Y	WO 2008/051598 A3 (SONY CORPORATION et al.) 02.05.2008, abstract	5, 18
Y	GB 1181803 A (MINI OF TECHNOLOGY et al.) 18.02.1970, abstract	6
Y	JP 2009141674 A (NIPPON TELEGRAPH & TELEPHONE), 25.06.2009	22, 25



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