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(54) Title: MERCHANT DEVICE AND METHOD FOR SUPPORT OF MERCHANT DATA PROCESSING

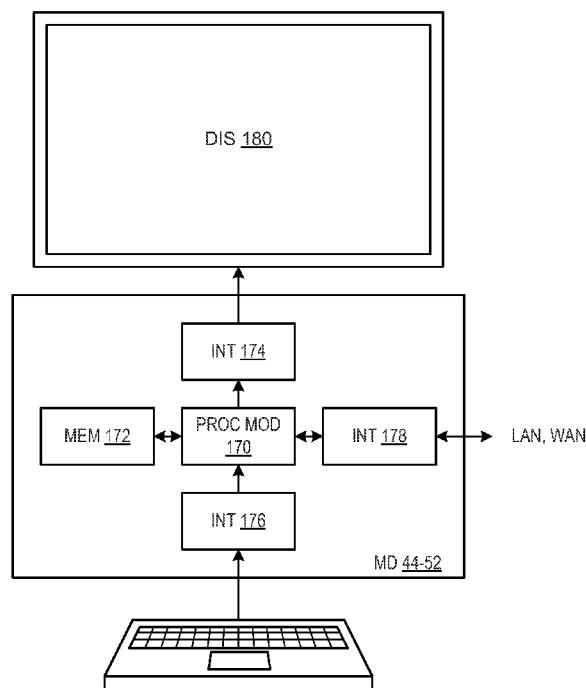


FIG. 5

(57) Abstract: A method begins by accessing a merchant web site that is associated with a merchant profile database. The method continues by receiving a log-in page. The method continues by providing log-in information of a merchant via the log-in page. The method continues, when the log-in information is confirmed, by receiving a merchant information page that contains data of a merchant profile record of the merchant profile database. The method continues by providing a response regarding the data of the merchant information page.



TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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**A. CLASSIFICATION OF SUBJECT MATTER****G06Q 30/00(2006.01)i, G06Q 20/00(2006.01)i**

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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

G06Q 30/00; G06F 17/30; G06F 17/60; G06Q 10/00; G06Q 40/00; H04L 9/00

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) &amp; Keywords: PROFILE, INFORMATION, ACCESS, MANAGEMENT

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2005/0022006 A1 (BASS, M. S. et al.) 27 January 2005 See the abstract, figure 4 and paragraphs [0026]-[0034].	1-18
Y	US 2002/0111842 A1 (MILES, J.) 15 August 2002 See the abstract, figure 1 and paragraphs [0141]-[0149].	1-18
A	US 2008/0015954 A1 (HUBER, D. L. et al.) 17 January 2008 See the abstract, figure 1 and paragraphs [0051]-[0072].	1-18
A	US 2008/0177797 A1 (ELDERING, C. A. et al.) 24 July 2008 See the abstract, figure 4 and paragraphs [0042]-[0047].	1-18



Further documents are listed in the continuation of Box C.



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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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US 2005/0022006 A1

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US 2002/0111842 A1

15.08.2002

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17.01.2008

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US 2008/0177797 A1

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None