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B65D 90/10 (2006.01)  B67D 7/78 (2010.01)

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(71) Applicant (for all designated States except US):

(72) Inventor; and

(54) Title: SECURITY DEVICE FOR STORAGE TANKS

(57) Abstract: A security device (10, 112, 212) protects the vulnerable portions or accessories of a bulk storage tank or container (32, 114) against unauthorized access. The device (10, 112, 212) includes a housing (12, 116, 216) that covers the vulnerable portions of the tank, the housing having two or more lockable doors (22, 26, 148, 152) that selectively permit access to the tank or container via two or more respective apertures (20, 24; 150, 154). A first door (20, 148) is openable after unlocking a readily-accessible lock (48), while the second movable door (26, 152) is openable after an elongate lock member (28, 160, 188) that is positioned internally within the housing (12, 116, 216) is moved to an unlocking position. The elongate lock member (28, 160, 188) can be moved to its unlocking position after the first door (20, 148) is opened. Certain tank operations, such as dispensing fuel, may be carried out after unlocking and opening a single door (20, 148), while other operations, such as refilling the tank, may be accomplished after opening a second door (26, 152) once the first door (20, 148) has been opened.

[Continued on next page]

Declarations under Rule 4.17:

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(H))

— of inventorship (Rule 4.17(iv))

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INTERNATIONAL SEARCH REPORT

International application No. PCT/US2011/020039

A. CLASSIFICATION OF SUBJECT MATTER

B67D 7/34(2010.01)i, B65D 90/10(2006.01)i, B67D 7/84(2010.01)i, B67D 7/78(2010.01)i

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)
B67D 7/34; B65D 88/12; B60P 3/22; B67D 5/60; B67D 5/12; B67D 5/58; B67D 5/S6

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

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords: SECURITY, STORAGE TANK, DOOR, LOCK MEMBER

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>A</td>
<td>JP 2000-128275 A (TANKUTEKKU:KK) 09 May 2000 See the pages 3-4, claims 1-2 and figures 1-2.</td>
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☐ 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
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05 SEPTEMBER 2011 (05.09.2011)

Name and mailing address of the ISA/KR
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Telephone No. 82-42-481-8550

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