

Title (en)

Method and system for identifying a compartment of a tank vehicle

Title (de)

Verfahren und System zur Identifizierung eines Raums in einem Tankwagen

Title (fr)

Procédé et système d'identification d'un compartiment d'un véhicule citerne

Publication

EP 2653442 A1 20131023 (FR)

Application

EP 13162057 A 20130403

Priority

FR 1253636 A 20120420

Abstract (en)

The system (10) has an information storage unit (11) mounted on a compartment (2) of a tank vehicle (1). The storage unit stores information relative to identification of the compartment. A reading unit (12) e.g. radio frequency identification unit is mounted on a loading or unloading arm (4) of a loading or unloading station (5) to read the information contained in the storage unit. A processing unit (13) identifies the compartment of the tank vehicle from the information before authorizing loading/unloading of the compartment. The storage unit is mounted on an adapter (3) coupled to the arm. An independent claim is also included for a method for identifying a compartment of a tank vehicle.

Abstract (fr)

Ce système d'identification (10) d'un compartiment (2) d'un véhicule citerne (1) par un poste de chargement/déchargement (5) d'un dépôt pétrolier comprend des moyens de stockage d'informations (11) montés sur le compartiment (2) du véhicule citerne (1), des moyens de lecture (12) montés sur un bras de chargement/déchargement (4) du poste de chargement/déchargement (5) et aptes à lire les informations contenues dans les moyens de stockage d'information (11), et des moyens de traitement (13) aptes à identifier le compartiment (2) du véhicule citerne (1) à partir des informations avant d'autoriser le chargement du compartiment (2).

IPC 8 full level

B67D 7/34 (2010.01)

CPC (source: EP)

B67D 7/344 (2013.01)

Citation (applicant)

- DE 4331607 C1 19950105 - FASS WERNER [DE]
- US 5579233 A 19961126 - BURNS ROBERT R [US]

Citation (search report)

- [X] DE 4341388 A1 19950608 - HAAR MASCHBAU ALFONS [DE]
- [X] WO 2010082809 A1 20100722 - PETROLIAM NASIONAL BERHAD [MY], et al
- [A] DE 4119677 A1 19921217 - SENING FA F A [DE]
- [A] DE 4315331 C1 19941020 - SENING FA F A [DE]
- [A] DE 3638293 A1 19880519 - SENING FA F A [DE]
- [A] JP H1035797 A 19980210 - TATSUNO CO LTD

Cited by

ES2606905A1; EP3296937A4; WO2016181012A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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