

Title (en)

Method and apparatus for handling and distributing liquefied gas bottles

Title (de)

Verfahren und Vorrichtung zur Handhabung und Verteilung von Flüssiggasflaschen

Title (fr)

Procédé et dispositifs de manutention et de distribution de bouteilles de gaz de pétrole liquéfié

Publication

**EP 1621808 B1 20090506 (FR)**

Application

**EP 05076771 A 20050729**

Priority

FR 0408382 A 20040729

Abstract (en)

[origin: EP1621808A2] The method involves storing filled liquefied petroleum gas bottles (2) in a cartridge (1), on a marketing site, such that the number of rows is lower than number of bottles per row. The bottles are unloaded by unloading a model of the cartridge from a platform body (176) of a vehicle (83). A lateral bar (24) of the cartridge oriented parallel to rows is moved from a bottles peripheral closing position to a bottles releasing position. Independent claims are also included for the following: (A) a cartridge (B) a cross-bar (C) a rack for storing and transporting liquefied petroleum gas bottles (D) a display case for implementing a method of distributing liquefied petroleum gas bottles.

IPC 8 full level

**F17C 13/08** (2006.01); **A47F 7/00** (2006.01); **B65D 19/00** (2006.01); **B65D 21/00** (2006.01)

CPC (source: EP)

**B65D 88/12** (2013.01); **B65D 88/127** (2013.01); **B65D 90/0033** (2013.01); **B66C 1/447** (2013.01); **F17C 13/08** (2013.01); **B65D 88/022** (2013.01); **F17C 2205/0107** (2013.01)

Cited by

EP2682667A3; CN110405711A; FR3032547A1; US2015308620A1; US9752726B2; WO2016128472A1; DE202017004894U1

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**EP 1621808 A2 20060201**; **EP 1621808 A3 20060607**; **EP 1621808 B1 20090506**; AT E430896 T1 20090515; DE 602005014309 D1 20090618; FR 2873666 A1 20060203; FR 2873666 B1 20080718; PL 1621808 T3 20091231

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