

Title (en)

System for transferring a fluid product between a carrying vessel and a shore installation

Title (de)

System zur Überführung eines flüssigen Produkts von einem Transportschiff auf einen Landungspier

Title (fr)

Système de transfert d'un produit fluide entre un navire de transport et une installation terrestre

Publication

**EP 1710206 A1 20061011 (FR)**

Application

**EP 06013027 A 20010911**

Priority

- EP 01972146 A 20010911
- FR 0012842 A 20001006

Abstract (en)

In the installation, a connection unit (17) is provided for the ship (9) manifold (18), and a flexible pipe (19) connects back to the plant. The connection unit and pipe are joined at their free ends, to make the transfer. At the free end, handling equipment (11, 26, 31) is provided for movement away from the connection position, into a separate storage location. Preferred Features: The arrangement includes emergency disconnection equipment for the transfer pipe, in the connection module. In the transfer arrangement, a winch brakes movement of the free end of the transfer pipe in the event of emergency disconnection. This is located on part of the arrangement remaining connected to the manifold on emergency disconnection. The cable is wound on the winch, with its free end fixed to the transfer pipe end. The cable is self-disconnecting. A guide for the free end (22) of the pipe, leads it into the receptacle end of the pipe on the connection unit (17). This comprises a guide peg entering a cone providing location as connection is approached. A winch is provided on the connection unit. The system is further detailed. The flexible pipe comprises a series of articulated sections and has catenary suspension. A portal structure forms part of the connection system. The connection unit is designed to carry away the connector, to which the flexible section must be fixed at shipboard level.

IPC 8 full level

**B67D 9/00** (2010.01)

CPC (source: EP KR NO US)

**B67D 9/00** (2013.01 - EP KR NO US)

Citation (search report)

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