

Title (en)

Method and apparatus for transferring products contained in submerged reservoirs, from these reservoirs to the surface.

Title (de)

Verfahren und Gerät zur Übertragung von in getauchten Behältern enthaltenen Produkten, aus diesen Behältern an die Oberfläche.

Title (fr)

Procédé et appareillage pour transférer des produits contenus dans des réservoirs immergés, depuis ces réservoirs vers la surface.

Publication

EP 0518730 B1 19941005 (FR)

Application

EP 92401508 A 19920603

Priority

FR 9107406 A 19910614

Abstract (en)

[origin: EP0518730A1] Method and apparatus for transferring, to a surface installation, products (P) which are contained in a closed reservoir which is at least partially submerged. The apparatus comprises at least one volume (A) equipped with connection means making it possible to connect it in a leaktight manner to the said reservoir of the ship (2), the said volume (A) comprising: 1 - at least one means (P1) for recovering the products (P), connected to one end of a duct (10) for discharging the said products (P) towards storage means (C1 and C2) of the surface installation; 2 - at least one means for injecting, in the form of jets (3f) from a member (3a), a fluid L2 into the said reservoir, connected at one end to a feeding duct (8), whose other end is connected at the level of the surface installation to means for feeding and optionally heating the said fluid; 3 - at least one secondary means (17) for injecting at least one fluid, the said means being connected by a feeding duct (13) to a means for feeding in this fluid located at the level of the surface installation; the said apparatus comprising moreover, on a duct (6), at least one means (7) for establishing a pressure balance between the reservoir and the surrounding medium, and pressure-relief (15) and partial vacuum (16) valves limiting the difference between the pressure existing inside the volume and/or the reservoir and that of the surrounding medium. <IMAGE>

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